

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instruction
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

NW SE Section 7, T9S, R16E 2131' FSL, 1910' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 12.6 miles SW of Myton, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

5,700'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,850' GL

22. APPROX. DATE WORK WILL START*

2/1/97

23.

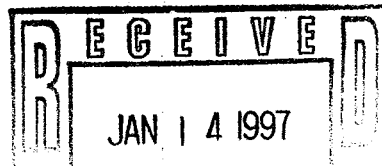
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable RESources Energy Company as principal and Safeco Insurance Company of American as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman
Bobbie Schuman

TITLE

Regulatory and
Environmental Specialist

DATE January 13, 1997

(This space for Federal or State office use)

PERMIT NO.

43-013-31773

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL IF ANY:

TITLE

DATE

2/4/97

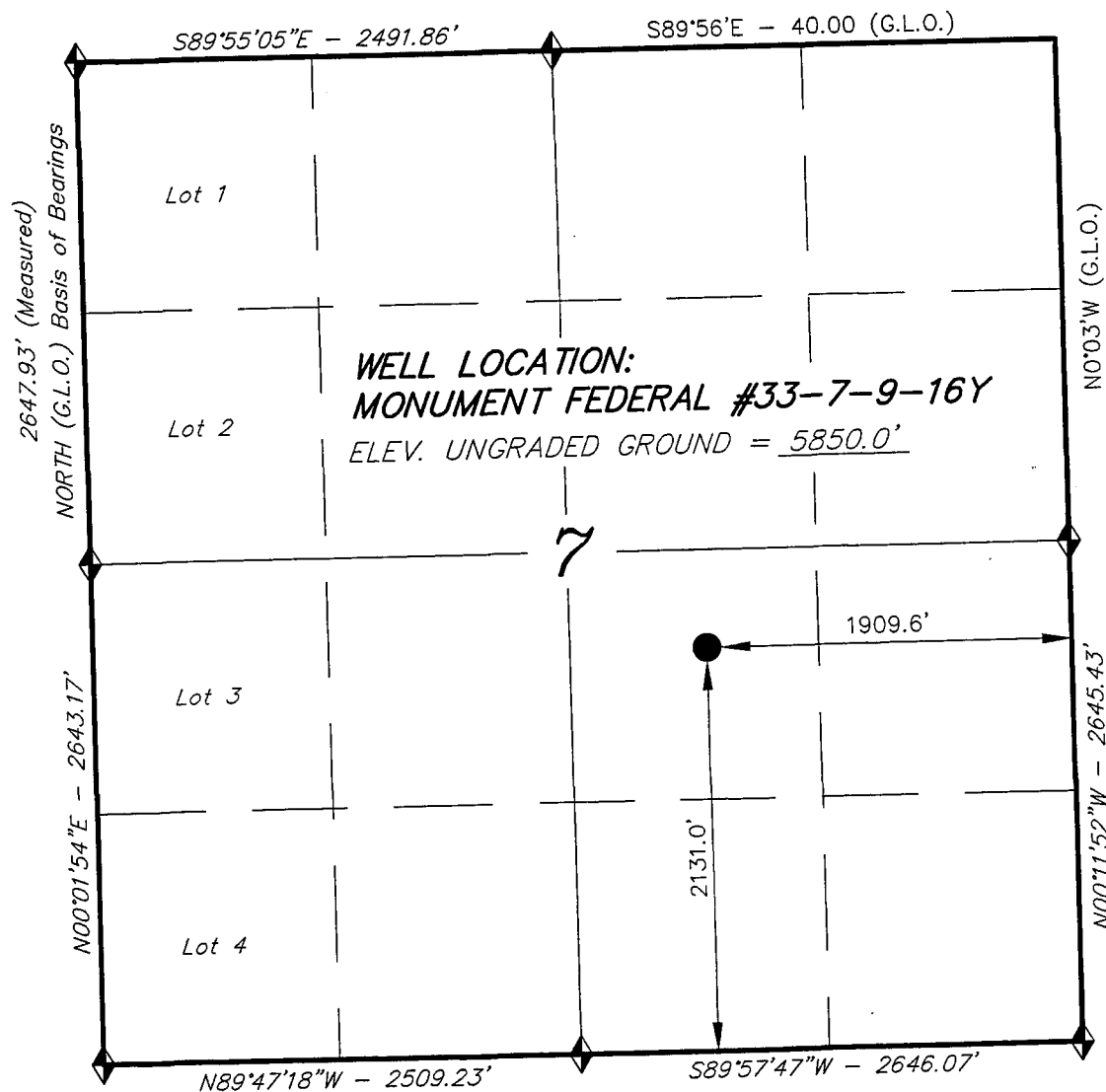
*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

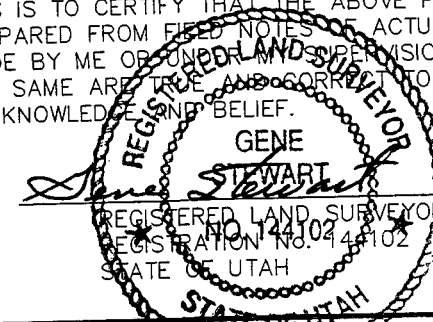
T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #33-7-9-16Y, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: G.S.
DATE: 12-14-96	WEATHER: COLD
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

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At proposed prod. zone 650 582

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Approximately 12.6 miles SW of Myton, Utah

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
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(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
5,700'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5,850' GL

22. APPROX. DATE WORK WILL START*
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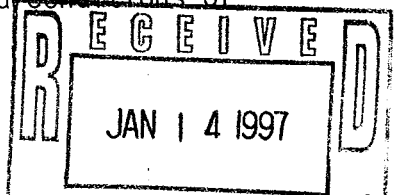
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SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

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ORIGINAL: Bureau of Land Management (Vernal, UT)
CORYY: Utah Division of Oil, Gas and Mining



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24. SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE January 13, 1997
(This space for Federal or State office use)

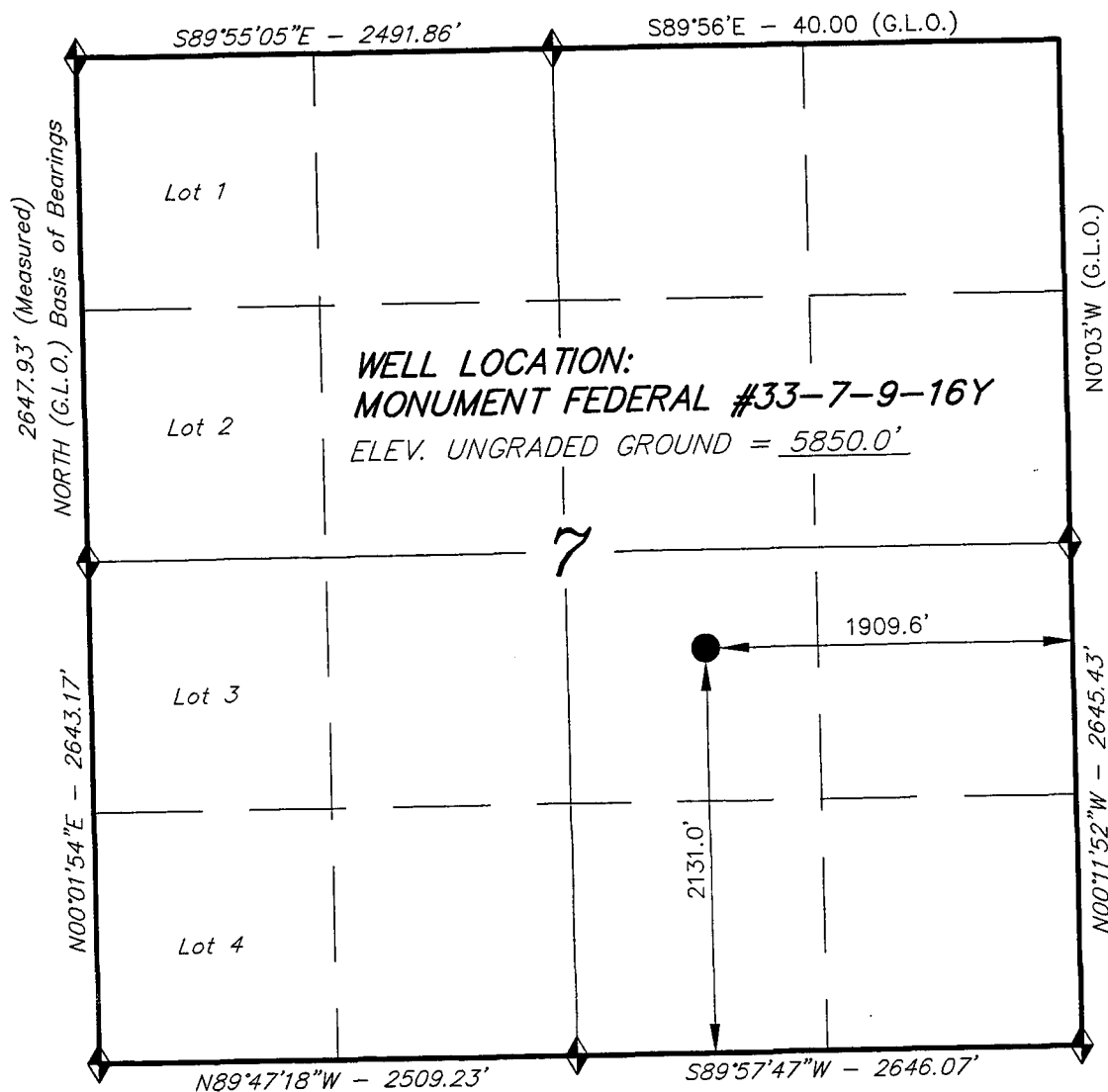
PERMIT NO. 43-813-31773 APPROVAL DATE 2/4/97
APPROVED BY [Signature] TITLE _____ DATE 2/4/97
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side

T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL
#33-7-9-16Y, LOCATED AS SHOWN IN
THE NW 1/4 SE 1/4 OF SECTION 7,
T9S, R16E, S.L.B.&M. DUCHESNE
COUNTY, UTAH.

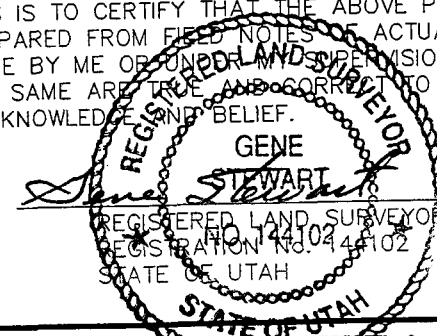


N0°03'W (G.L.O.)

N00°11'52\"W - 2645.43'



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
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SCALE: 1" = 1000'

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DATE: 12-14-96

WEATHER: COLD

NOTES:

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◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

CONFIDENTIAL

**AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF
THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD
ALLOWED BY FEDERAL AND STATE REGULATIONS.**

**Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860
FAX: (406) 245-1361**

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Western Region
Monument Federal #33-7-9-16Y
NW SE Section 7, T9S, R16E
Duchesne county, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. **ESTIMATED IMPORTANT GEOLOGICAL MARKERS:**

See Geologic Prognosis (EXHIBIT "C")

2. **ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:**

See Geologic Prognosis (EXHIBIT "C")

3. **OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.
- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.

- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- e. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.

- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.
- c. When running 5-1/2" production casing we will install 5-1/2" pipe rams and are hereby requesting a variance on testing. We request not to test.

SURFACE USE PROGRAM
EQUITABLE RESOURCES ENERGY COMPANY
Western Region
Monument Federal #33-7-9-16Y
NW SE Section 7, T9S, R16E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162.3-1 (d):

1. EXISTING ROADS:

- a. From Myton, Utah, take Highway #40 west out of town 1.6 miles to the Sand Wash road. Go south (left) on the Sand Wash road for approximately 1.7 miles to the Wells Draw road intersection. Turn right and continue along the Wells Draw road 9.3 miles to proposed location which is on the east side of the road.
- b. Existing roadways need no improvements for these drilling operations.
- c. All existing roads used by these drilling operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

2. PLANNED ACCESS ROADS: See EXHIBIT "F" Maps A & B

- a. No new access is required.
- b. All travel will be confined to location and access routes.
- c. If a right-of-way is needed for access, please consider this Application for Permit to Drill as the application for right-of-way.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "I" Map C.

4. PROPOSED PRODUCTION FACILITIES DIAGRAM:

- a. Upon completion, a sundry notice and plat showing exact production facilities will be submitted.
- b. See EXHIBIT "J" for the Proposed Production Facility layout.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. The drilling water source will be obtained from a private source owned by Joe Shields, Application #57708, Appropriation #47-1674, located in Section 15, T4S, R2W, Duchesne County UT.
- b. The drilling water will be hauled by truck to the location site.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

- a. Any construction materials which are required will be native materials from the location and/or access site.
- b. All construction materials for this location site and access road shall be borrowed material accumulated during the construction of the site and road. No additional construction material from other sources is anticipated at this time. If additional construction material is needed, it will be from an approved source.
- c. Reasonable precautions will be taken to protect all lands.

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

- a. Garbage will be stored in a dumpster and disposed of according to local and state regulations, at an approved facility. Disposal will not be allowed on location. No trash will be disposed of in the reserve pit.
- b. Fluids produced during the completion operation will be collected in test tanks. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.

- c. The reserve pit will be lined. If a plastic nylon reinforced liner is used, it will be torn and perforated before backfilling of the reserve pit.
- d. Saltwater or testing tanks will be located and/or diked so that any spilled fluids will flow into the reserve pit. Saltwater tanks will not be placed on topsoil stockpiles.
- e. Any produced water will be contained on site for a period not to exceed 90 days.
- f. Sewage will be disposed of according to county and state requirements. Sealed chemical portable toilets will be on location during these drilling operations. Waste and chemicals will not be disposed of on location.
- g. Cuttings will be deposited in the reserve pit.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "K".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".
- c. The drilling rig facilities layout is shown on EXHIBIT "G". No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.
- d. The reserve pit and the blooie pit will be constructed as a combination pit capable of holding 12,000 bbls of fluid. The size of the pit will be approximately equivalent to four times the TD hole volume. The blooie pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the location.

- e. The reserve pit will be located on the west side of the location. It will be constructed long and narrow due to topography.
- f. If needed, flare pit will be located downwind of the prevailing wind directions a minimum of 100' from the wellhead and 30' from the reserve pit fence.
- g. Stockpiled topsoil (first 6 inches) will be stored on the north side at Corner 7.
- h. Access to the wellpad will be from the northwest at Corner 6.
- i. All pits will be fenced according to the following minimum standards:
 - a. 39-inch net wire will be used with at least one strand of barbed wire on top of the net wire unless pipe or some type of reinforcement rod is attached to the top of the entire fence.
 - b. The net wire shall be no more than 2 inches above the ground. If barbed wire it shall be 3 inches above the net wire. Total height of fence will be at least 42 inches.
 - c. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the cornerbraces. Maximum distance between any two posts will be no greater than 16'.
 - d. All wire will be stretched before it is attached to the corner posts.

The reserve pit will be fenced on three sides during drilling operations and on the fourth side when the rig moves off locations. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The BLM will be notified of of any reclamation operations.

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1.
- c. A plastic nylon reinforced liner will be used, and it will be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured in accordance with the agreement with the private surface owner. The reserve pit will be reclaimed in accordance with agreement with the private surface owner. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed.

Dry hole/abandoned location:

At such time as the well is plugged and abandoned, operator will submit a subsequent report of abandonment.

11. SURFACE OWNERSHIP:

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

12. OTHER INFORMATION:

- a. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.
- b. Drilling operations will be conducted in accordance with the Bureau of Land Management conditions of approval when received.
- c. All surface disturbance and reclamation will be done in accordance with BLM conditions of approval.

- d. See EXHIBIT "M" gas gathering lines. This shows the anticipated route for the gas gathering lines at this site. If a right-of-way is necessary for these lines, consider this the application for said right-of-way.
- e. See EXHIBIT "N" archeological/palentological clearance report.

13. **Lessee's or Operator's Representative:**

Equitable Resources Energy Company, Western Region
1601 Lewis Avenue
Billings, Montana 59102
(8:00 a.m. to 5:00 p.m.)
(406) 259-7860
FAX: (406) 245-1361

Dave McCoskery, Operations Manager Home: (406) 248-3864
Mobile: (406) 698-3732

Dan Farnsworth, Production Supervisor Mobile: (801) 823-6869
Home: (801) 722-3463

14. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Equitable Resources Energy Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

January 13, 1997
Date

Bobbie Schuman
Bobbie Schuman
Regulatory Specialist
Equitable Resources Energy Company



Well Prognosis

Well Name MONUMENT FEDERAL #33-7-9-16Y					Control Well	
Location NW/SE SECTION 7-T9S-R16E (2131' FSL, 1910' FEL)					Operator EREC	
County/State DUCHESNE, UTAH					Well Name MF 23-7-9-16Y	
Field MON. BUTTE		Well Type DEVELOPMENT			Location NE/SW SEC. 7-T9S-R16E	
GL (Ung)	5850	EST. KB	5860	Total Depth	5700	
					KB 5996	

Formation Tops		Prognosis		Sample Top		Control Well		High/Low	
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Control	Deviation	
UINTA	surface								
GREEN RIVER	1494	4366			4376				
HORSE BENCH SS	2167	3693			3703				
2ND GARDEN GULCH	3968	1892			1902				
Y-1 (PAY)	4126	1734			1744				
Y-3 (PAY)	4327	1533			1543				
YELLOW MARKER	4490	1370			1380				
DOUGLAS CREEK	4634	1226			1236				
R-1 (PAY)	4660	1200			1210				
R-2 (PAY)	4727	1133			1143				
2ND DOUGLAS CREEK	4874	986			996				
GREEN MARKER	5004	856			866				
G-3 (PAY)	5057	803			813				
G-5 (PAY)	5199	661			671				
G-6 (PAY)	5384	476			486				
CARBONATE MARKER	5541	319			329				
TD	5700								

Samples	DST,s	Wellsite Geologist
50' FROM 1450' TO 4100'	DST #1 NONE	Name: _____
20' FROM 4000' TO TD	DST #2 _____	From: _____ To: _____
5' THROUGH EXPECTED PAY	DST #3 _____	Address: _____
5' THROUGH DRILLING BREAKS	DST #4 _____	Phone # _____ wk.
		_____ hm.
		Fax # _____

Logs	Cores	Mud Logger
DLL FROM SURF CSNG TO TD	Core #1 NONE	Company: NORTHWEST
LDT/CNL FROM 3950 TO TD	Core #2 _____	From: _____ To: TD
	Core #3 _____	Type: 2 MAN
	Core #4 _____	Logger: _____
		Phone # _____
		Fax # _____

Comments:	Report To:	1st Name: DAVE BICKERSTAFF	Phone # (406) 259-7860	wk. (406)245-2261	hm.
		2nd Name: KEVEN REINSCHMIDT	Phone # (406) 259-7860	wk. (406)248-7026	hm.
	Prepared By: BICKERSTAFF 1/96		Phone #	wk.	hm.



EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION

D

DRILLING PROGRAM

WELL NAME: Monument Federal #33-7-9-16Y DATE: 1-9-97
PROSPECT/FIELD: Monument Butte
LOCATION: NW SE Section 7 Twn.9S Rge.16E
COUNTY: Duchesne
STATE: Utah

TOTAL DEPTH: 5700'

HOLE SIZE INTERVAL

12 1/4" Surface to 260'
7 7/8" 260' to 5700'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	5700'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing 150 sacks class"G" with 2% CaCl and 1/4 lb/sack Flocele.
(Cement will be circulated to surface.)

Production Casing 205 sacks 28:72 Poz. (28% POZ: 72% Class"C") with 10% Gel, 6.0 lbs/sk KOL SEAL & 1/4 pps Cello Flake. (Wt.=11.09 ppg, Yd =3.30 Cu.Ft/Sk Comp. Stght @ 72 Hrs=575) Tailed with 400 sacks 50:50 POZ(50% POZ: 50% Class"G") with 2% Gel, 0.3% FL-52, 1/4 pps Cello Flakes & 2.0 pps KOL SEAL. (Wt.=14.30 ppg, Yd=1.25 Ft.Cu./Sk, Comp Strght @ 75 Hrs=2700)
(Actual cement volumes to be calculated from caliper log with cement top at 2000')

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No cores or tests are planned for this well.

EQUITABLE RESOURCES ENERGY COMPANY

Operator: EREC	Well Name: Mon.Fed.33-7-9-16Y
Project ID:	Location: Duchesne, Utah

Design Parameters:

Mud weight (8.80 ppg) : 0.457 psi/ft
 Shut in surface pressure : 2036 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	5,700	5-1/2"	15.50	K-55	ST&C	5,700	4.825		
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)		
1	2606	4040	1.550	2606	4810	1.85	88.35	222	2.51 J

Prepared by : McCoskery, Billings, Montana

Date : 01-09-1997

Remarks :

Design is for a Production string.

Minimum segment length for the 5,700 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.457 psi/ft and 2,606 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

EXHIBIT "E"

- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

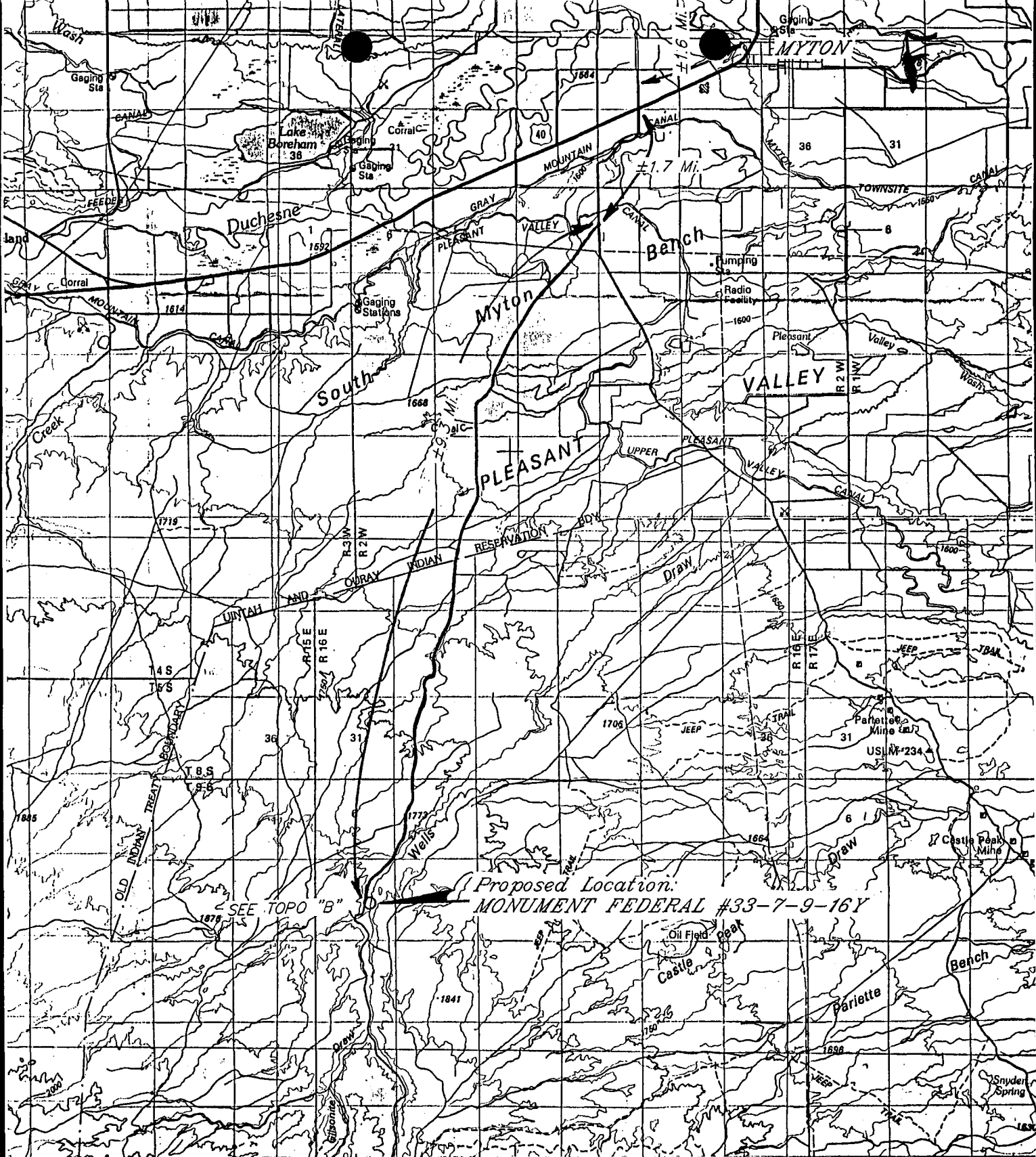
We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

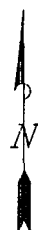
3/28/95

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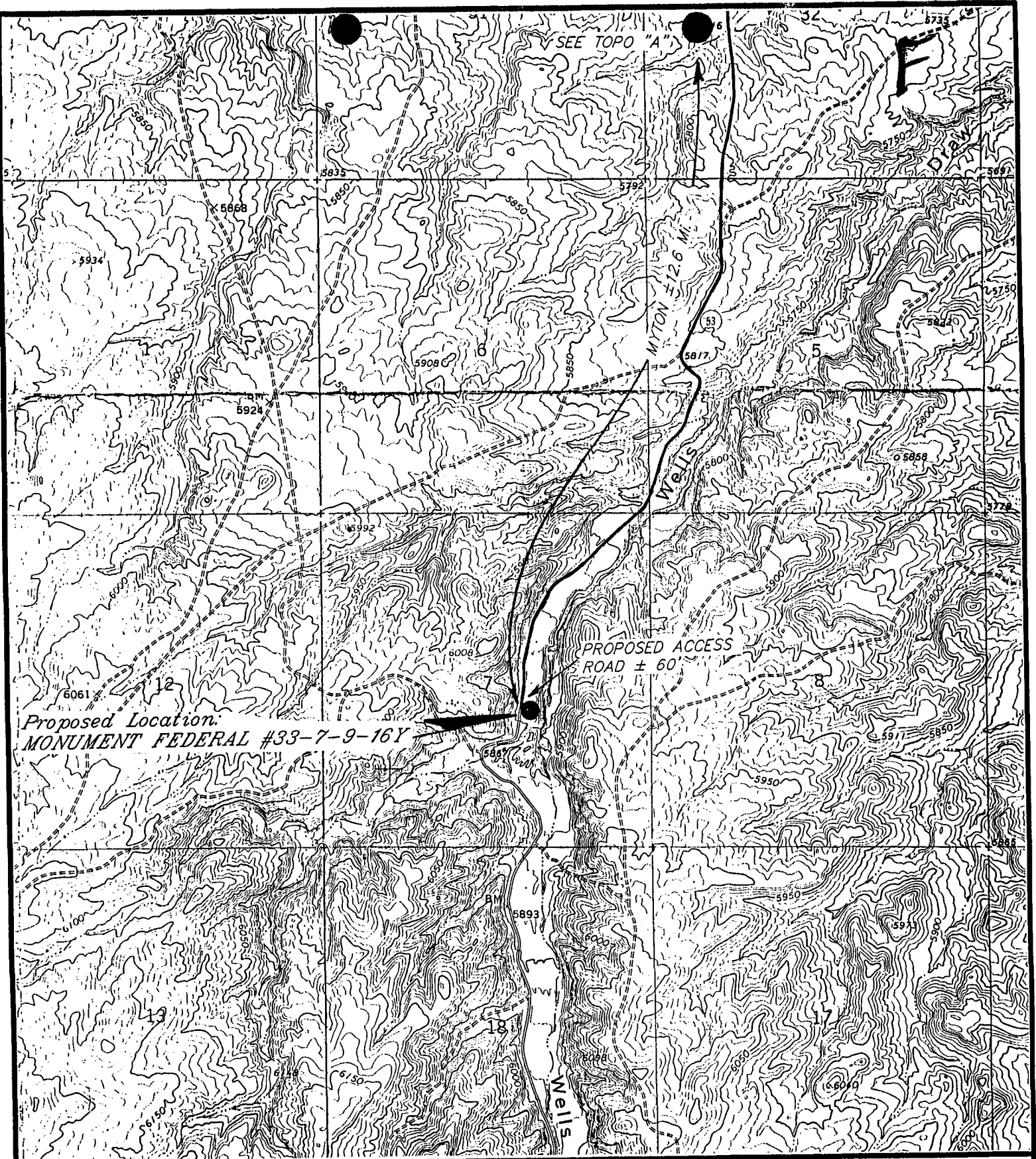


EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #33-7-9-16Y
SEC. 7, T9S, R16E, S.L.B.&M.
TOPO "A"

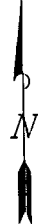


Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078



EQUITABLE RESOURCES CO.

***MONUMENT FEDERAL #33-7-9-16Y
SEC. 7, T9S, R16E, S.L.B.&M.
TOPO "B"***

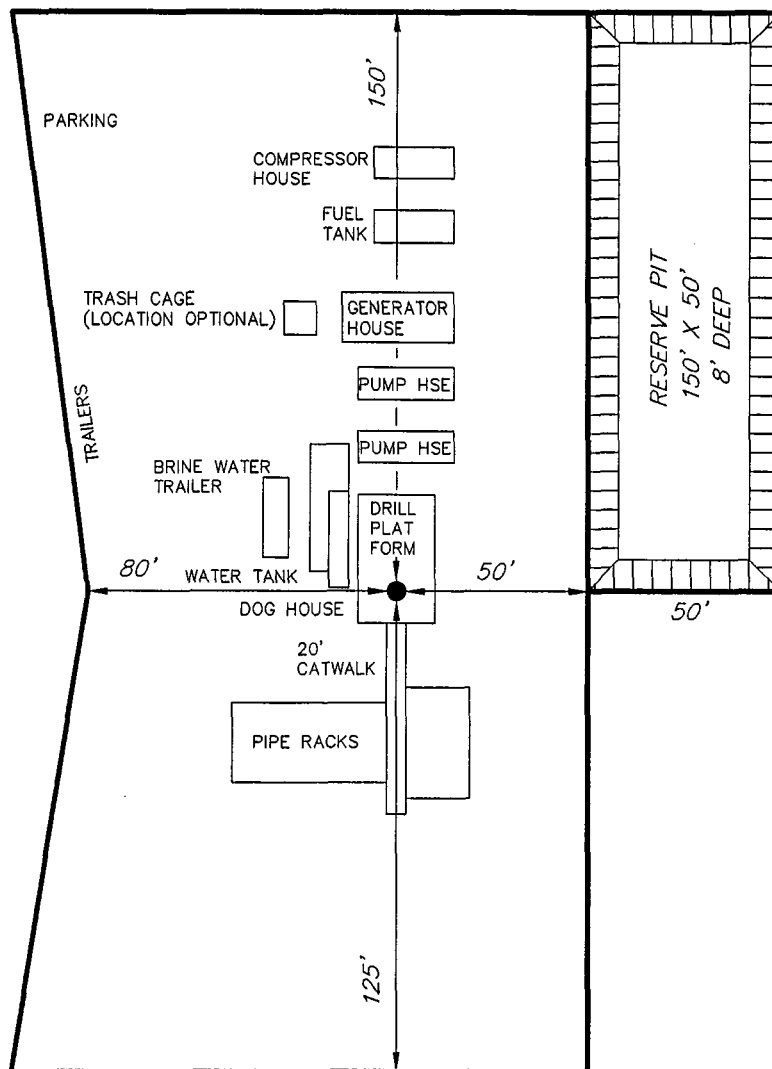


SCALE: 1" = 2000'

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

G

TYPICAL RIG LAYOUT
MONUMENT FEDERAL #33-7-9-16Y



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Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH, VERNAL, UTAH 84078

UNION DRILLING RIG #17

Hex Kelly

ROTATING HEAD

ADJ. CHOKE

AIR BOWL

7" FLOWLINE

#3000
BLIND RAM-PIPE RAM

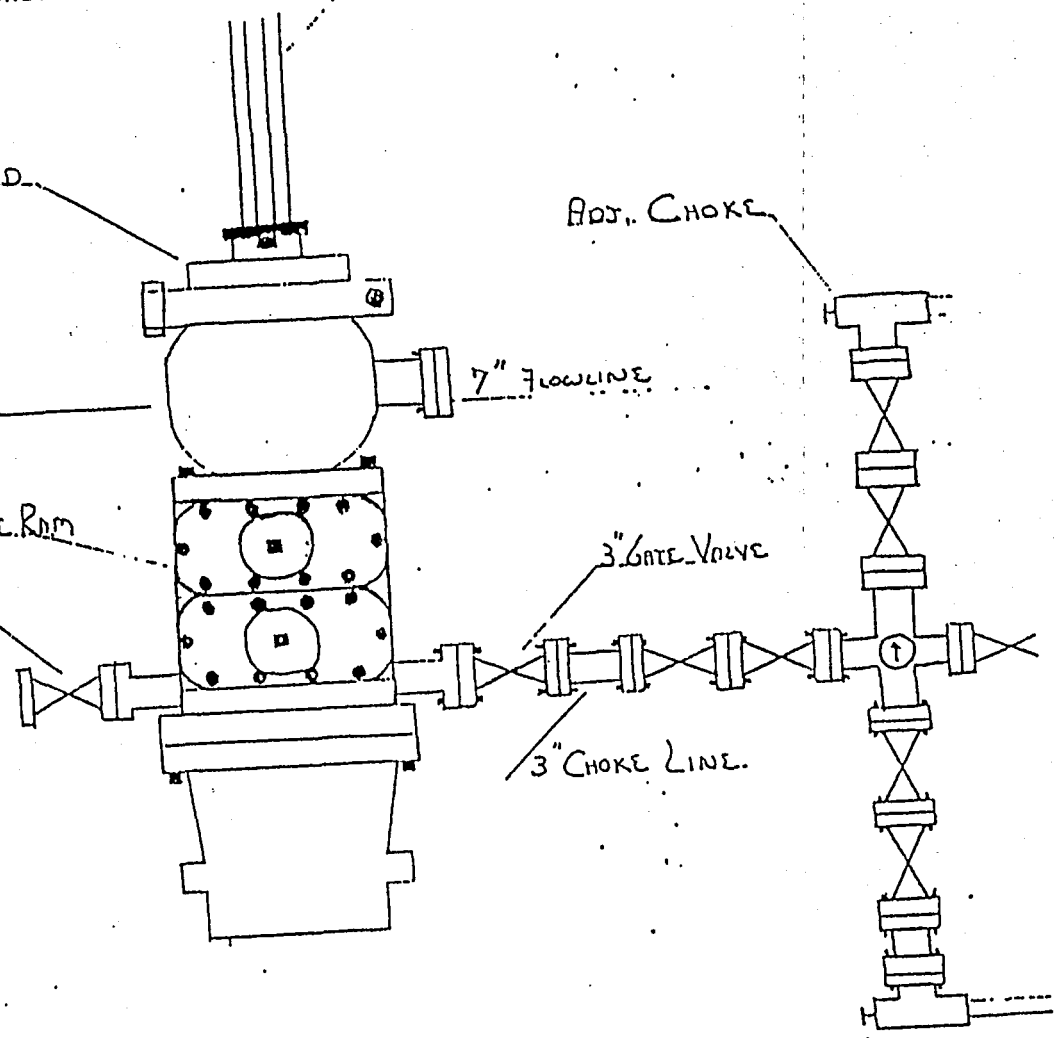
3" GATE VALVE

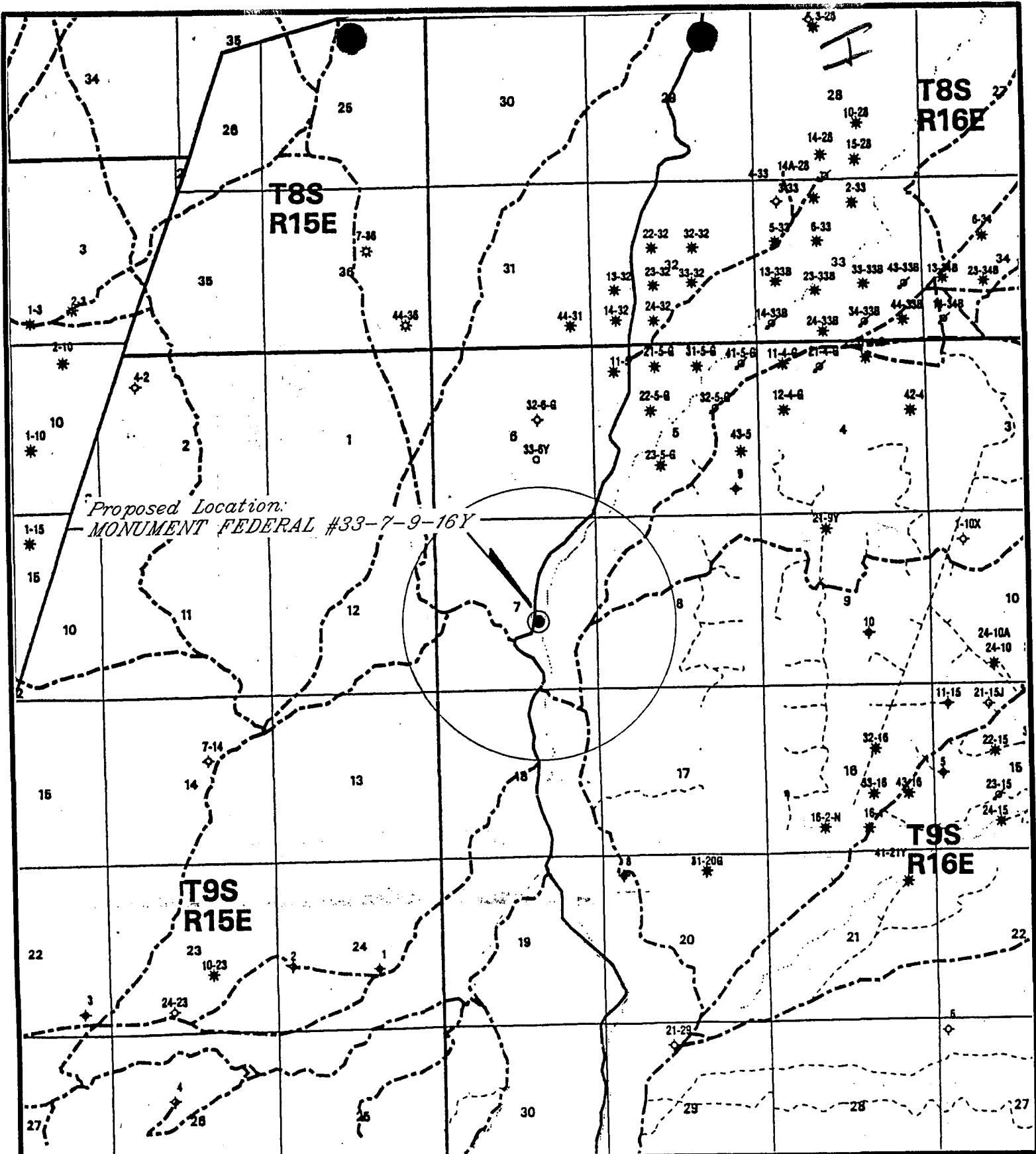
3" GATE VALVE

3" CHOKE LINE

ADJ. CHOKE

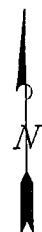
#3000 STACK





EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #33-7-9-16Y
 SEC. 7, T9S, R16E, S.L.B.&M.
 TOPO "C"



Tri State
 Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

PROPOSED PRODUCTION FACILITY DIAGRAM

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

DIKE

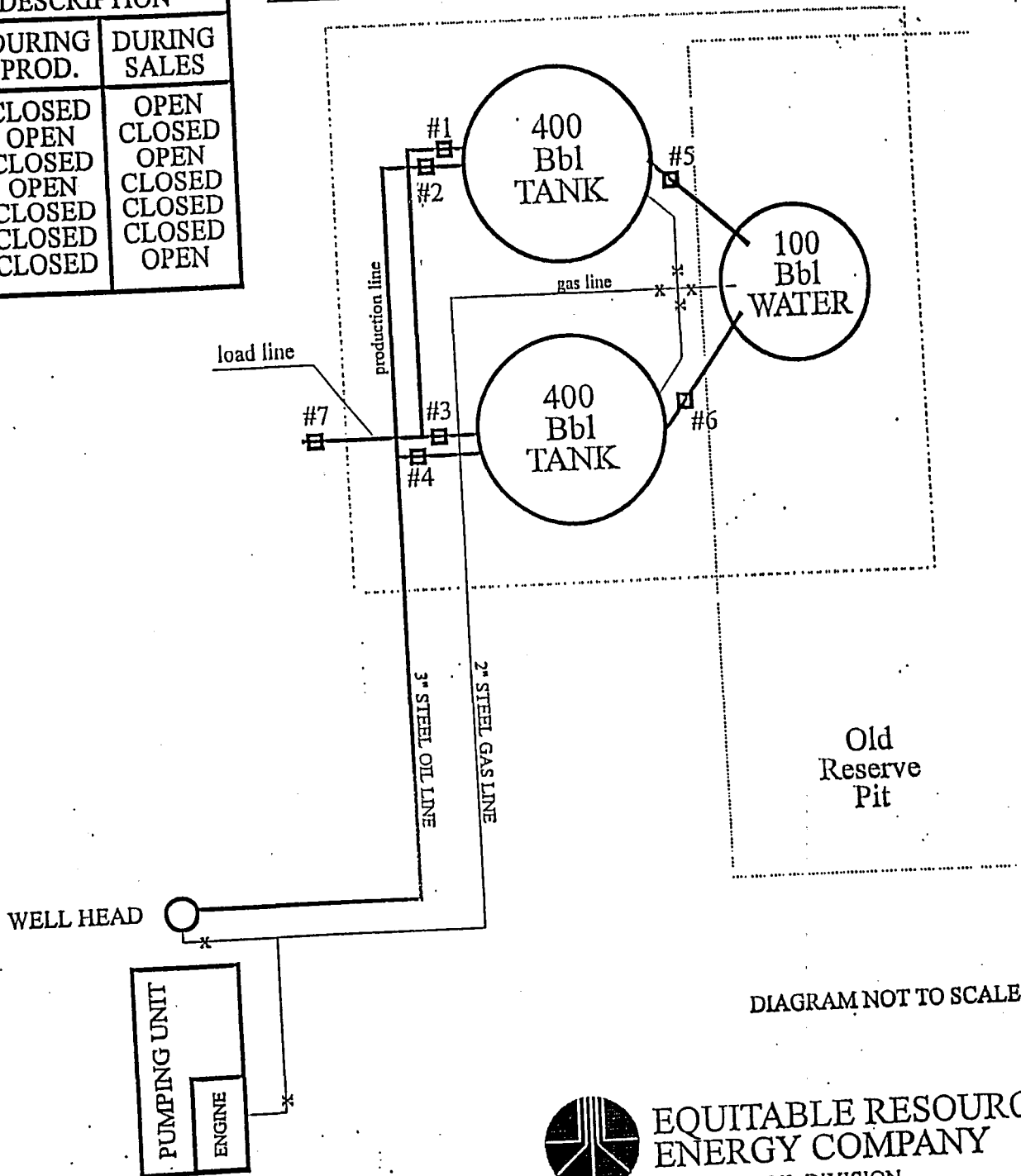


DIAGRAM NOT TO SCALE

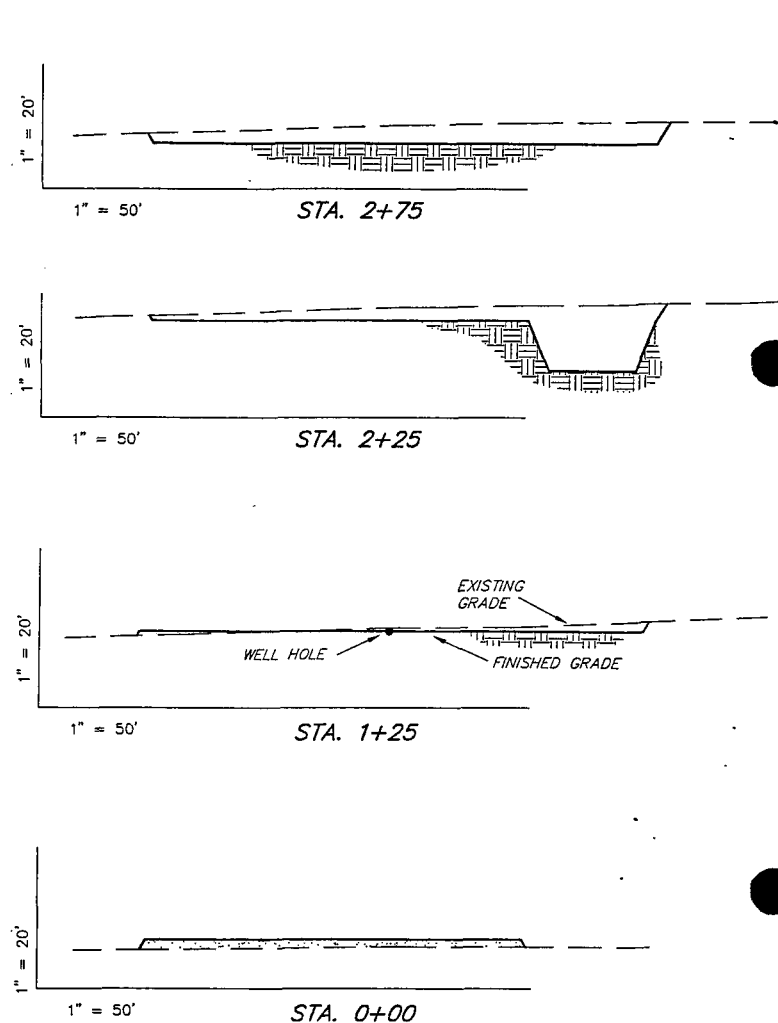
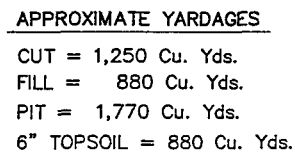


**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59104-2
(406) 259-7860

MONUMENT FEDERAL #33-7-9-16Y
SEC. 7, T9S, R16E, S.L.B.&M.



SURVEYED BY: S.S.
DRAWN BY: J.R.S.
DATE: 12-26-96
SCALE: 1" = 50'
FILE:

Tri State
Land Surveying, Inc.

\ (801) 781-2501

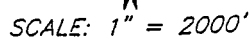
38 WEST 100 NORTH VERNAL, UTAH 84078

APPLICATION FOR PIPELINE RIGHT-OF-WAY

Please consider this Application for Permit to Drill also as an application for the pipeline (gas gathering system) Right-of-Way for this prospective well. See attached map for the pipeline route. The gas line will be a polyurethane surface line.

Please advise of the costs associated with this Right-of-Way and a check will be forthcoming.

Route will follow existing roads where feasible. Operator requests a 30' width for the Right-of-Way with an additional 30' width for working surface as necessary.



**CULTURAL RESOURCE INVENTORIES OF
EQUITABLE RESOURCES MONUMENT FEDERAL
SIXTEEN WELL LOCATIONS IN THE
WELLS DRAW LOCALITY, DUCHESNE COUNTY, UTAH**

by

**Keith R. Montgomery
and
Jacki A. Montgomery**

CULTURAL RESOURCE INVENTORIES OF EQUITABLE RESOURCES
MONUMENT FEDERAL SIXTEEN WELL LOCATIONS IN THE
WELLS DRAW LOCALITY, DUCHESNE COUNTY, UTAH

by

Keith R. Montgomery
and
Jacki A. Montgomery

Prepared For:

Bureau of Land Management
Diamond Mountain Resource Area
Vernal District

Prepared Under Contract With:

Equitable Resources Energy Company
1601 Lewis Ave
Billings, Montana 59102

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

December 27, 1996

United States Department of Interior (FLPMA)
Permit No. 96-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-96-MQ-0703,b

ABSTRACT

In December 1996, cultural resource inventories of sixteen proposed well locations and access roads were performed by Montgomery Archaeological Consultants for Equitable Resource's Monument Federal project. The project area is situated in the Pleasant Valley area of the Uinta Basin, on both sides of Wells Draw. A total of 190 acres was inventoried for cultural and paleontological resources located on public lands administered by the BLM Diamond Mountain Resource Area, Vernal District.

The archaeological survey resulted in the documentation of two historic trash scatters (42Dc1054 and 42Dc1055) which represent temporary livestock (sheep) camps. In addition six prehistoric and historic isolated finds of artifacts were documented. No paleontological resources were identified in the project area. The two historic trash scatters are not recommended for inclusion to the NRHP. These sites represent short-term camps lacking cultural features and potential for subsurface artifacts. The six prehistoric and historic isolated finds of artifacts are not considered eligible to the NRHP, since they lack additional research potential.

Based on these findings, a determination of "no effect" is recommended for this project pursuant to Section 106, CFR 800.

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INTRODUCTION

In December, 1996, cultural resource inventories were conducted by Montgomery Archaeological Consultants for sixteen proposed well locations and associated access roads. The project area is designated as the Monument Federal Wells Draw locality, situated in Duchesne County, Utah. The survey was implemented at the request of Ms. Bobbie Schumann, Regulatory and Environmental Specialist, Equitable Resources Energy Company, Billings, Montana. The project area occurs on public land administered by the Bureau of Land Management (BLM), Diamond Mountain Resource Area, Vernal District.

The objective of the inventories was to locate, document and evaluate any cultural resources and paleontological localities within the project area pursuant to a determination of "no effect" to historic properties in accord with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventories were implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Historic Preservation Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979 and the American Indian Religious Freedom Act of 1978.

The fieldwork was performed by Keith R. Montgomery, Principal Investigator for Montgomery Archaeological Consultants under the auspices of U.S.D.I. (FLPMA) Permit No. 96-UT-60122 and State of Utah Antiquities Project (Survey) No. U-96-MQ-0703b. File searches for previous projects and documented cultural resources and paleontological localities were conducted at the BLM Vernal District office on December 20, 1996. This consultation indicated that several inventories have been completed within one mile of the project area (Alexander 1985; Hartley 1984; Hauck 1982, 1984, 1996; Hauck and Hayden 1993, 1995; Polk 1989; Tate 1984; Weymouth and Langley 1996). Documented prehistoric sites in the vicinity consist mainly of small lithic scatters, some containing chipped stone tools, (42Dc344, 42Dc388, 42Dc538, 42Dc586) and a desert pavement quarry (42Dc587). Only one recorded site contained ceramic sherds (42Dc938), and features (e.g. hearths or slab-lined features) were documented at two sites (42Dc533 and 42Dc537) in the area. Historic sites recorded in the vicinity include a small trash scatter interpreted as transient sheep camps (42DC389 and 42Dc794) and a sandstone benchmark monument (42Dc984). No cultural resources or paleontological localities have been documented within the immediate project area. Also no sites listed on the National Register of Historic Places (NRHP) occur in the project area.

DESCRIPTION OF PROJECT AREA

The project area lies in the Pleasant Valley area of the Uinta Basin, approximately 11 miles south of Myton, Utah. Topographically, this area consists of highly dissected sandstone and mudstone rock formations and broad sandy silt ridges. Wells Draw, a broad drainage with sandstone and siltstone rimrock formations to the north and low terraces to the south, dissects the project area. The elevation ranges from 5750 ft up to 6080 ft. Wells Draw is a major ephemeral source which flows in a southerly direction through the area. The project area lies within the Upper Sonoran vegetation zone, dominated by a shadscale community intermixed with low sagebrush, snakeweed, prickly pear cactus and a variety of low grasses. Modern disturbances to the landscape include well locations, access roads, pipelines, and livestock grazing.

The inventory area consists of 16 proposed well locations and access roads (Figure 1 and Table 1). The legal description for the project area is T. 8S., R. 16E., S. 31; T. 9S., R. 15E. S. 1 and T. 9S., R. 16E., S. 5, 6, 7, 8, 17 and 18. The land status is public land administered by the BLM, Diamond Mountain Resource Area, Vernal District.

Figure 1. Equitable Resources Monument Federal Well Locations and Access Roads showing Cultural Resources. USGS Myton SW, UT 7.5', 1964. Scale 1:24000.

Table 1. Monument Federal Well Location Descriptions

Well Number	Legal Location	Location at Surface	Access Road	Cultural Resources
23-31-8-16Y	T8S R16E S31 NE/SW	1980.0' FSL 1826.0' FWL	1150 feet	42Dc1054, IF-C
33-31-8-16Y	T8S R16E S31 NW/SE	1956.7' FSL 1809.5' FEL	1050 feet	None
43-31-8-16Y	T8S R16E S31 NE/SE	1980.0' FSL 660.0' FEL	400 feet	None
24-31-8-16Y	T8S R16E S31 SE/SW	681.8' FSL 1831.6' FEL	4800 feet	IF-D, IF-E
24-6-9-16Y	T9S R16E S6 SE/SW	716.6' FSL 2118.2' FWL	1800 feet	None
34-6-9-16Y	T9S R16E S6 SW/SE	660.0' FSL 1980.0' FEL	400 feet	IF-B
12-7-9-16Y	T9S R16E S7 SW/NW	1980.0' FNL 660.0' FWL	400 feet	42Dc1055
22-7-9-16Y	T9S R16E S7 SE/NW	2036.4' FNL 2070.2' FWL	600 feet	None
32-7-9-16Y	T9S R16E S7 SW/NE	2047.7' FNL 1769.1' FEL	None	IF-F
33-7-9-16Y	T9S R16E S7 NW/SE	2131.0' FSL 1909.6' FEL	None	None
24-7-9-16Y	T9S R16E S7 SE/SW	516.8' FSL 1951.8' FWL	950 feet	None
34-7-9-16Y	T9S R16E S7 SW/SE	750.9' FSL 2080.0' FEL	None	None
44-7-9-16Y	T9S R16E S7 SE/SE	660.0' FSL 660.0' FEL	None	IF-A
21-18-9-16Y	T9S R16E S18 NE/NW	859.1' FNL 1659.7' FWL	750 feet	None
32-18-9-16Y	T9S R16E S18 SW/NE	1966.0' FNL 1910.3' FEL	None	None
11-17-9-16Y	T9S R16E S17 NW/NW	575.6' FNL 640.3' FWL	900 feet	None

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At each of the sixteen proposed well locations, a 10 acre square was defined, centered on the well pad center stake. The interiors of the well locations were examined for cultural and paleontological resources by the archaeologist walking parallel transects spaced no more than 10 m apart. The access roads were surveyed to a 100 foot (30 m) width by walking parallel transects along the staked centerline, spaced no more than 10 m apart. Ground visibility was excellent. The acreage for the proposed well locations consisted of 160 acres, and 2.5 miles (30 acres) of access road was surveyed. A total of 190 acres was inventoried for this project.

Cultural resources were recorded as an archaeological site or isolated find of artifact. Archaeological sites were defined as spatially definable areas with features and/or ten or more artifacts. Sites were documented by the archaeologist walking transects across the site, spaced no more than 3 m apart, and marking the locations of cultural materials with pinflags. This procedure allowed clear definition of site boundaries and artifact concentrations. At the completion of the surface inspection, a Brunton compass was employed to point-provenience diagnostic artifacts and other relevant features in reference to the site datum, a steel rebar stamped with a temporary site number. Archaeological sites were plotted on a 7.5' USGS quadrangle, photographed, with site data entered on an Intermountain Antiquities Computer System (IMACS, 1990 version) inventory form (Appendix A). Isolated finds are defined as individual artifacts or light scatter of items, which lack sufficient material culture to warrant IMACS forms, or to derive interpretation of human behavior in a cultural and temporal context. All isolated artifacts were plotted on a 7.5' USGS map and are described in this report.

INVENTORY RESULTS

The inventory of the sixteen proposed well locations and associated access roads resulted in the documentation of two newly-found archaeological sites (42Dc1054 and 42Dc1055), and six isolated finds of artifacts (IF-A through IF-F)

Smithsonian Site No.: 42Dc1054
Temporary Site No.: ERMF K/1
Well Location: Monument Federal 23-31-8-16Y
Legal Description: T. 8S, R. 16E, S. 31, CT/NE/SW
Jurisdiction: BLM, Diamond Mountain Resource Area
Description: This is a small trash scatter situated on a ridge crest west of Wells Draw (Figure 1). The site measures 16 m NW-SE by 10 m NE-SW (Figure 2). It appears to have been a temporary livestock (sheep) camp in which a wagon (Home on the Range) was used for cooking purposes (e.g. lack of hearth at site). Historic items consist of a machine forged horse shoe, hole-in-top and hole-in-cap tin cans, sanitary cans, and flat sided and round tobacco cans. The estimated time range is 1900 to 1920s.

Smithsonian Site No.: 42Dc1055
Temporary Site No.: ERMF K/2
Well Location: Monument Federal 12-7-9-16Y
Legal Description: T. 9S, R. 16E, S. 7, SW/SW/NW
Jurisdiction: BLM, Diamond Mountain Resource Area
Description: This is a medium size trash scatter situated at the base of a ridge, west of Wells Draw (Figure 1). The site measures 70 m north-south by 80 m east-west (Figure 3). It appears to have been a short term livestock (sheep) camp in which a wagon (Home on the Range) was used for cooking purposes. Historic items include numerous sanitary evaporated milk cans, several sanitary fruit cans, a coffee can, and a broken purple glass whiskey bottle ("HAYNER WHISKEY"). The occupational span of the site was between 1904 and 1914.

Isolated Finds of Artifacts

Isolated Find A (IF-A) is located in the NW, SE, SE of S. 7, T. 9S., R. 15E. (UTM 572100E and 4432380N). It is a brown semi-translucent chert secondary flake. Isolated Find B (IF-B) is located in the NW, SW, SE of S. 6, T. 9S., R. 16E. (UTM 571570E and 4433950N). It consists of a Hole-in-top cut around can (4 in. high, 4 3/4 in. diameter) and a evaporated milk sanitary can (4 5/16 high, 2 15/16 in. diameter) with a 3/4 in. diameter cap. Isolated Find C (IF-C) is located in the NW, SE, SW of S. 31, T. 9S., R. 16E. (UTM 571200E and 4435780N). It is the midsection of a dark brown semi-translucent chert Stage IV biface displaying oblique parallel flaking, a lateral bend fracture and a lateral perverse fracture. It measures 3.8 cm (incomplete) by 2.9 cm by 0.6 cm. Isolated Find D (IF-D) is located in the NW, SW, NW of S. 6, T. 9S., R. 16E. (UTM 570800E and 4434820N) and consists of a white opaque secondary flake. Isolated Find E (IF-E) is located in the SE, SE, NE of S. 17, T. 9S., R. 15E. (UTM 570750E

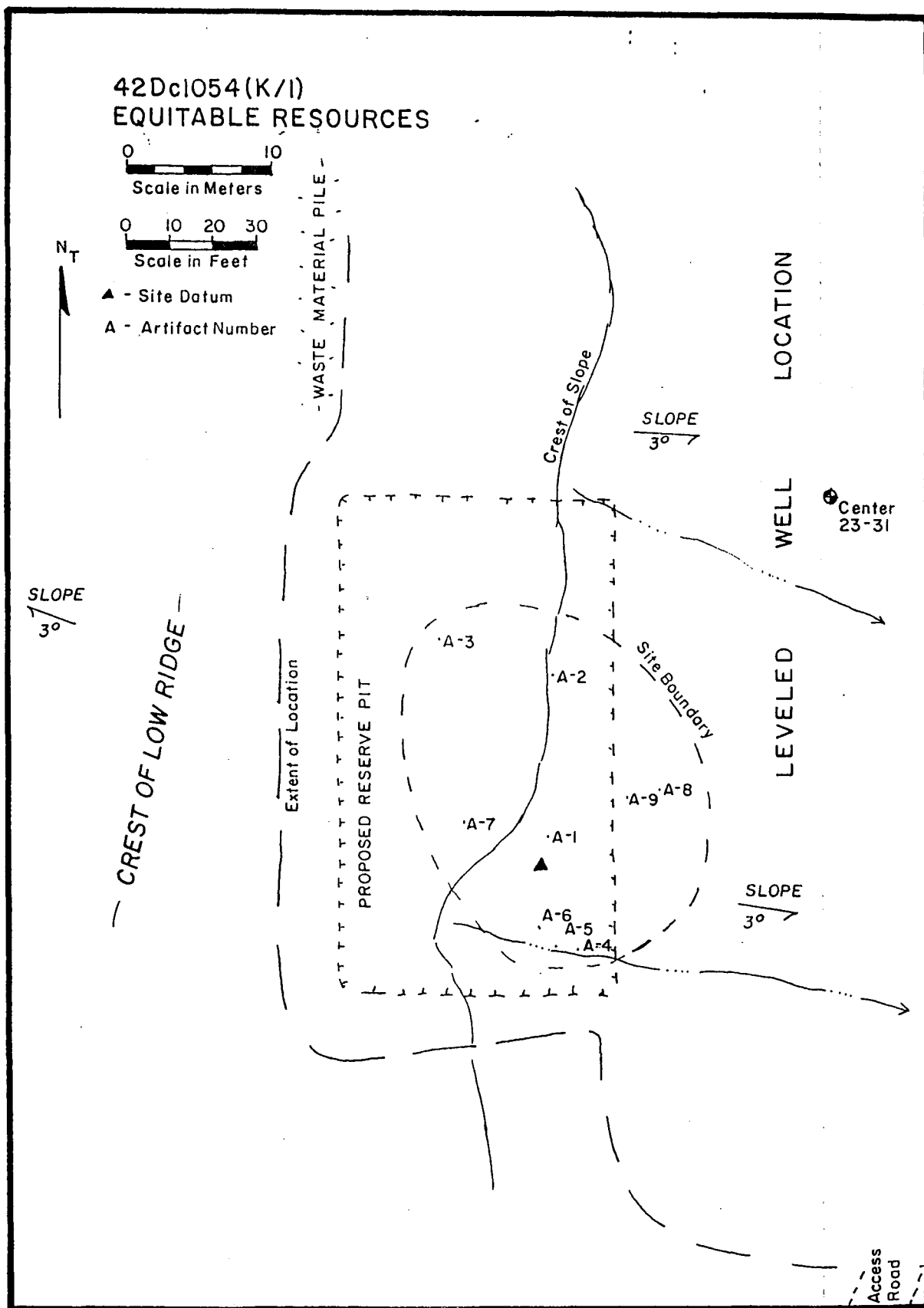


Figure 2. Site 42Dc1054 Map.

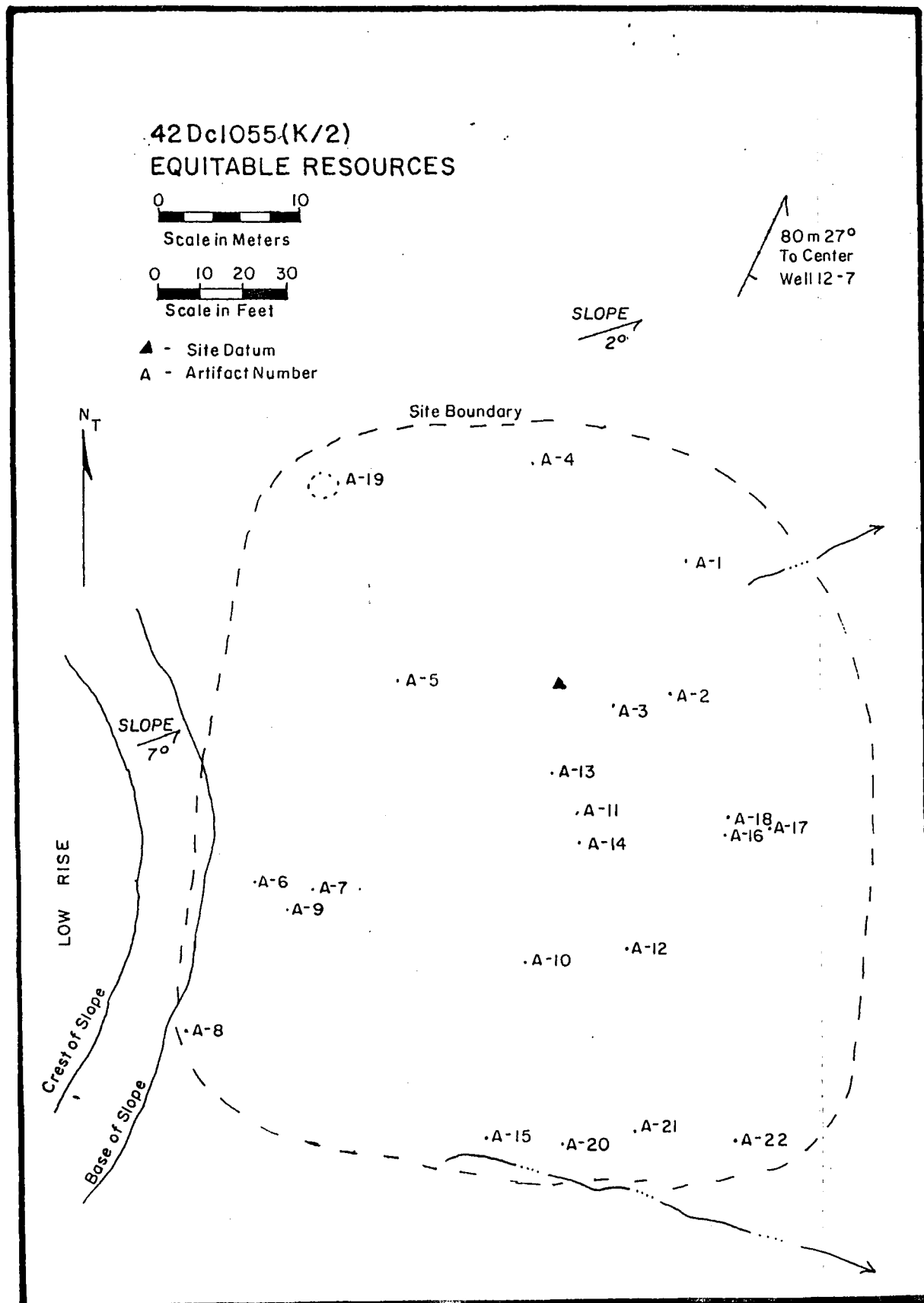


Figure 3. Site 42Dc1055 Map.

and 4433240N). It consists of 20 pieces of a clear quart canning jar and a zinc lid with a porcelain insert. Isolated Find F (IF-F) is located in the NE, SW, SE of S. 7, T. 8S., R. 16E. (UTM 571900E and 4433240N) and is a Hole-in-cap cut around smashed can.

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION

The National Register Criteria for Evaluation of Significance and procedures for nominating cultural resources to the National Register of Historic Places (NRHP) are outlined in 36 CFR 60.4 as follows:

The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, material, workmanship, feeling, and association, and that they:

- a)...are associated with events that have made a significant contribution to the broad patterns of our history; or
- b)...are associated with the lives of persons significant to our past; or
- c)...embody the distinctive characteristics of a type, period, or method of construction; or that represents the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- d)...have yielded or may be likely to yield information important in prehistory or history.

The inventory of the sixteen Equitable Resources well locations and access road resulted in the documentation of two historic sites (42DC1054 and 42DC1055), and six isolated finds of artifacts. No paleontological resources were identified in the project area. The two historic trash scatters are evaluated as not eligible for inclusion to the NRHP. These sites represent short-term camps lacking cultural features and potential for subsurface artifacts. As well, the historic sites lack important information pertaining to the history of the region. The six prehistoric and historic isolated finds of artifacts are not considered eligible to the NRHP, since they lack additional research potential.

SUMMARY AND RECOMMENDATIONS

The inventory of Equitable Resource's Monument Federal sixteen drill locations resulted in the recordation of two historic trash scatters as well as six prehistoric and historic isolated finds of artifacts. No paleontological localities were observed in the project area. Sites 42Dc1054 and 42Dc1055 are evaluated as not eligible to the NRHP. Based on these findings, a determination of "no effect" is recommended for this project pursuant to Section 106, CFR 800.

References Cited

- Alexander, Robert
1985 Archaeological Survey of Roseland Federal 11-5, Duchesne County, Utah. Grand River Consultants, Colorado. BLM Report No. U-85-GB-703.
- Hartley, John D.
1984 Archaeological Survey for Lomax Exploration Company's Antelope Canyon Federal 4-23, Duchesne County, Utah. BLM Report No. 013-229.
- Hauck, F.R.
1982 Cultural Resource Inventory of Five Proposed Well Locations and Access Roads in the Eightmile Flat and Castle Peak Localities of Uintah and Duchesne Counties, Utah. Archeological-Environmental Research Corporation, Bountiful. BLM Report No. 013-251.
- 1984 Cultural Resource Evaluation of the Phillips Petroleum Pipeline Corridor in the Antelope Canyon, Wells Draw and Pariette Bench Localities, Duchesne County, Utah. Archeological-Environmental Research Corporation, Bountiful. BLM Report No. 013-251.
- 1996 Cultural Resource Evaluation of Thirteen Proposed Well Locations and Access Routes in the Castle Peak Draw Locality of Duchesne & Uintah Counties, Utah. Archeological-Environmental Research Corporation, Bountiful. BLM Report No. U-95-AF-773.
- Hauck, F.R. and Glade V. Hayden
1993 Cultural Resource Evaluation of Four Proposed Wells in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Archeological-Environmental Research Corporation, Bountiful. BLM Report No. U-93-AF-655.
- 1995 Cultural Resource Evaluation of a Series of Proposed Water Return Pipeline Routes in the Castle Peak Draw Locality of Duchesne County, Utah. Archeological-Environmental Research Corporation, Bountiful.
- Polk, Michael R.
1989 A Cultural Resources Survey of Two NGC Energy Well Pads Near Wells Draw, Duchesne County, Utah. Sagebrush Archaeological Consultants, Ogden, Utah. BLM Report No. U-89-SJ-097.
- Tate, Marcia J.
1984 Archaeological Survey of Damson Oil Corporation Federal #22-12, Duchesne County, Utah. Powers Elevation, Golden, Colorado. BLM Report No. 013-152.
- Weymouth, Heather M. and Lynita S. Langley
1996 A Cultural Resources Survey of Inland Resources Pipeline Group 2: Segment 3, Duchesne County, Utah. Sagebrush Archaeological Consultants, Ogden, Utah. BLM Report No. U-96-SJ-076.

APPENDIX A

INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM (IMACS)
SITE INVENTORY FORMS

On File At:

Utah Division of State History
Salt Lake City, Utah

and

U.S. Bureau of Land Management
Diamond Mountain Resource Area
Vernal, Utah

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/14/97

API NO. ASSIGNED: 43-013-31773

WELL NAME: MONUMENT FEDERAL 33-7-9-16Y
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:

NWSE 07 - T09S - R16E
SURFACE: 2131-FSL-1910-FEL
BOTTOM: 2131-FSL-1910-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: UTU - 74390

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number MT 0576)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number 47-1674)
☒ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

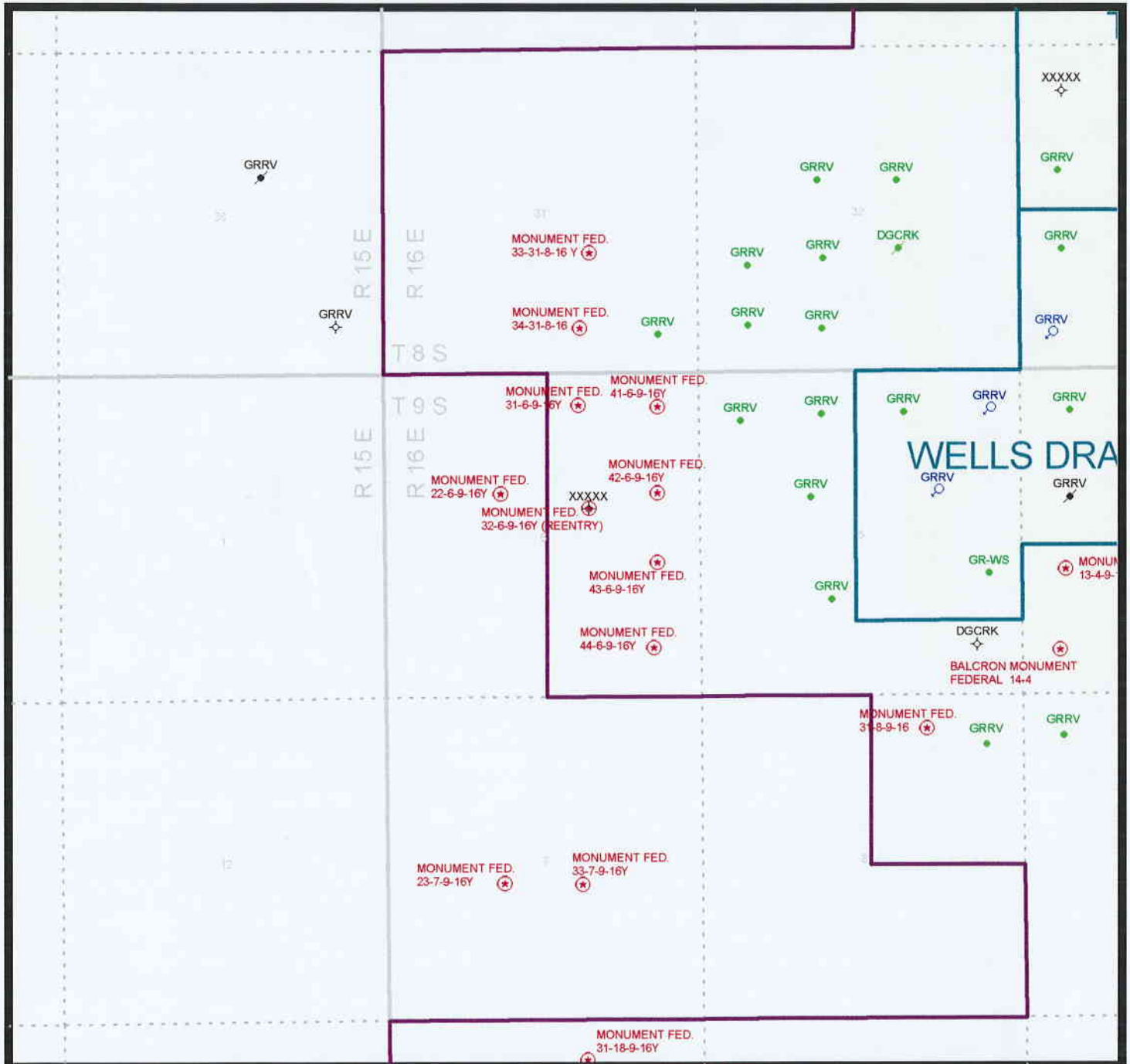
 R649-2-3. Unit: _____
☒ R649-3-2. General.
 R649-3-3. Exception.
 Drilling Unit.
 Board Cause no: _____
 Date: _____

COMMENTS:

*Confidential;
Cultural Resource Survey. 12/27/96.*

STIPULATIONS:

OPERATOR: EQUITABLE RESOURCES
FIELD: MONUMENT BUTTE (105)
SECTION: 31,&7 T8S&T9S R16E
COUNTY: DUCHESNE
SPACING: UAC R649-3-2



PREPARED:
DATE: 14-JAN-97

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NW SE Section 7, T9S, R16E
2131' FSL, 1910' FEL**

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Monument Fed. #33-7-9-16Y

9. API Well No.

Not yet assigned

10. Field and Pool, or Exploratory Area

Mon. Butte/Grn. River

11. County or Parish, State

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **addition to APD**

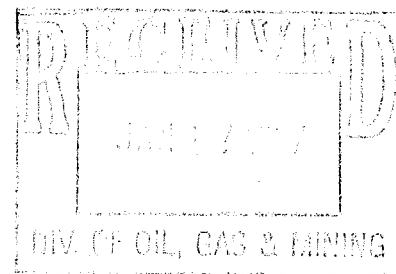
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Application for Permit to Drill (APD) this well was submitted January 13, 1997. Please note that the permit neglected to state that the pad will be an irregular shape due to topography (Wells Draw Wash runs along the east side).

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



14. I hereby certify that the foregoing is true and correct

**Regulatory and
Environmental Specialist**

Signed

Bobbie Schuman

Title

Date

January 14, 1997

(This space for Federal or State office use)

Approved by

Conditions of approval, if any

Title

Date

2/4/97

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW SE Section 7, T9S, R16E
2131' FSL, 1910' FEL

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Monument Fed.#33-7-9-16Y

9. API Well No.

Not yet assigned

10. Field and Pool, or Exploratory Area

Mon. Butte/Grn.River

11. County or Parish, State

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
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TYPE OF ACTION

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☐ Casing Repair
☐ Altering Casing
☒ Other addition to APD

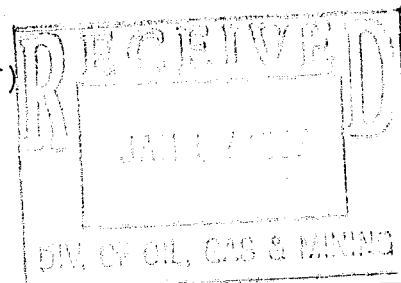
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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The Application for Permit to Drill (APD) this well was submitted January 13, 1997. Please note that the permit neglected to state that the pad will be an irregular shape due to topography (Wells Draw Wash runs along the east side).

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman
Bobbie Schuman

Title

Regulatory and
Environmental Specialist

Date

January 14, 1997

(This space for Federal or State office use)

Approved by
Conditions of approval, if any:

Title

Date

2/4/97

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

February 4, 1997

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

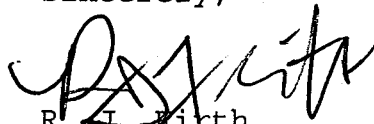
Re: Monument Federal 33-7-9-16Y Well, 2131' FSL, 1910' FEL,
NW SE, Sec. 7, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31773.

Sincerely,


R. J. Firth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Equitable Resources Energy Company
Well Name & Number: Monument Federal 33-7-9-16Y
API Number: 43-013-31773
Lease: UTU-74390
Location: NW SE Sec. 7 T. 9 S. R. 16 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact R. J. Firth (801)538-5274 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

NW SE Section 7, T9S, R16E 2131' FSL, 1910' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 12.6 miles SW of Myton, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5,700'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,850' GL

22. APPROX. DATE WORK WILL START*

2/1/97

23.

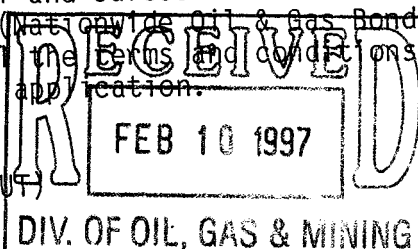
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable RESources Energy Company as principal and Safeco Insurance Company of American as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman
Bobbie Schuman

TITLE

Regulatory and
Environmental Specialist

DATE January 13, 1997

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Jim Kinsler

ACTING

Assistant Field Manager
Mineral Resources

DATE FEB 05 1997

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 33-7-9-16Y

API Number: 43-013-31773

Lease Number: U-74390

Location: NWSE Sec. 7 T. 9S R. 16E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to running the next casing string or requesting plugging orders.** Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water Zone identified at ± 965 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by the cementing program. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to ± 765 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

Proposed Production Facilities

A dike will be constructed completely around those production facilities which contain fluids. These dikes will be constructed of compacted subsoil, be impervious, and hold 100% of the capacity of the largest tank.

All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units, will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Location Site Layout:

For safety to personnel & equipment and to prevent potential erosion, the East edge of the location shall be modified. The east edge of the location is near the steep wall of the Wells Draw drainage. Use equipment to modify this steep wall to no greater than a 1:1 slope. A topographical point of soil materials, and on the same side of the drainage as the location, extends into Wells Draw within 100 feet of this area to be sloped. The construction worker developing the site may utilize this material as fill aiding in the development of the 1:1 slope. After the East edge of the location is properly sloped then the operator will be required to seed this area to reduce future erosion. **Contact the authorized officer of the BLM prior to site developmet.** Contact the authorized officer of the BLM to obtain the seed mixture and seeding requirements necessary to stabilize this sloped area.

Plans For Reclamation Of Location

This location is situated within Wells Draw and may prove vulnerable to high water flows during wet periods. To reduce the likelihood of the Reserve Pit being impacted by possible ephemeral high water flows the reserve pit shall be reclaimed within 60 days from first production.

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to blend all cuts, fills, road berms, and borrow ditches to be natural in appearance with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

Other Information

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.

Raptor Habitat

If this is a producing well the operator is required to install a hospital type muffler or a multicylinder engine to the pumping unit to limit noise impacts to nesting raptor species.

Surface Gas Lines

1. Installation of the proposed surface gas lines will not be performed during periods when the soil is too wet to adequately support installation equipment. If equipment create ruts in excess of four inches, the soil will be deemed too wet to adequately support the equipment.
2. All surface lines will be either black or brown in color.
3. Lines will be laid as close to roads as possible but far enough off the road surface to prevent interference with normal use of the road or road maintenance.
4. Notify all workers that during maintenance or inspection of the surface gas line, that disturbance to vegetated lands shall be kept to a minimum.



RECEIVED
OCT 10 1997

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

RE: Change of Operator
Duchesne & Vernal Counties, Utah


Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

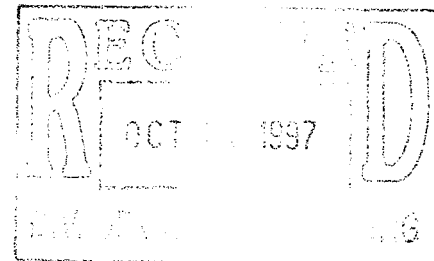
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

See Attached

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

See Attached

11. County or Parish, State

See Attached

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
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TYPE OF ACTION

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☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective September 30, 1997, Inland Production Company will take over Operations of the Approved and Pending Applications for Permit to Drill listed on the attached exhibit. The previous Operator was: Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by The Hartford Insurance Group.

14. I hereby certify that the foregoing is true and correct

Signed

Chris A. Potter

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date

9/30/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Revised 9/17/97		09/30/97		EREC APD LIST (APPROVED and PENDING)										ST = State							
WELL NAME		FIELD	QTR/QTR	SEC.	TWP.	RANGE	COUNTY	ST.	APD STATUS	ZONE	FED. OR STATE LEASE NO.	API NUMBER	FOOTAGES	BLM OFFICE	UNIT OR WELL FILE NO.						
=====		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====						
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Monument Federal #11-10-9-17Y		Monument Butte	NW NW	10	9S	17E	Duchesne	UT	PND	Green River	U-65210										
Monument Federal #11-17-9-16Y		Monument Butte	NW NW	17	9S	17E	Duchesne	UT	APRVD	Green River	UTU-74390	4301331534	409' FNL, 475' FWL	Vernal							
Monument Federal #12-7-9-16Y		Monument Butte	SW NW	7	9S	16E	Duchesne	UT	APRVD	Green River	UT-74390	43-013-31779	575' FNL, 640' FWL	Vernal							
Monument Federal #12-11-9-17Y		Monument Butte	SW NW	11	9S	17E	Duchesne	UT	APRVD	Green River	U-65210	43-013-31777	1980' FNL, 660' FWL	Vernal							
Monument Federal #14-22-8-17		Monument Butte	SW SW	22	8S	17E	Duchesne	UT	APRVD	Green River	U-67845	43-013-31679	1996' FNL, 673' FWL	Vernal							
Monument Federal #14-25-8-17		Monument Butte	SW SW	25	8S	17E	Uintah	UT	APRVD	Green River	UTU-74870	43-013-31643	532' FSL, 495' FWL	Vernal							
Monument Federal #21-6-9-16Y		Monument Butte	NE NW	6	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-047-32765	660' FSL, 660' FWL	Vernal							
Monument Federal #21-18-9-16Y		Monument Butte	NE NW	18	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31816	663' FNL, 1728' FWL	Vernal	Humpback						
Monument Federal #21-22-9-16Y		Monument Butte	NE NW	22	9S	16E	Duchesne	UT	PND	Green River	UTU-74390	4301331817	859' FNL, 1660' FWL	Vernal							
Monument Federal #22-7-9-16Y		Monument Butte	SE NW	6	9S	16E	Duchesne	UT	APRVD	Green River	UTU-64379	43-013-31727	911' FNL, 2030' FWL	Vernal							
Monument Federal #22-7-9-16Y		Monument Butte	SE NW	7	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31719	2011' FNL, 1869' FWL	Vernal							
Monument Federal #23-6-9-16Y		Monument Butte	NE SW	6	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31776	2036' FNL, 2070' FWL	Vernal							
Monument Federal #23-31-8-16Y		Monument Butte	NE SW	31	8S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31812	1938' FSL, 1756' FWL	Vernal							
Monument Federal #24-6-9-16Y		Monument Butte	SE SW	6	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74389	43-013-31810	1980' FSL, 1826' FWL	Vernal							
Monument Federal #24-7-9-16Y		Monument Butte	SE SW	7	9S	16E	Duchesne	UT	PND	Green River	UTU-74390	4301331811	717' FSL, 2118' FWL	Vernal							
Monument Federal #24-31-8-16Y		Monument Butte	SE SW	31	8S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31775	517' FSL, 1952' FWL	Vernal							
Monument Federal #31-10-9-17Y		Monument Butte	NW NE	10	9S	17E	Duchesne	UT	APRVD	Green River	U-49950	43-013-31780	682' FSL, 1832' FWL	Vernal							
Monument Federal #32-5-9-17		Monument Butte	SW NE	5	9S	17E	Duchesne	UT	PND	Green River	U-65210	4301331591	660' FNL, 1980' FEL	Vernal							
Monument Federal #32-7-9-16Y		Monument Butte	SW NE	7	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74808	4301331818	1833' FNL, 1913' FEL	Vernal							
Monument Federal #32-18-9-16Y		Monument Butte	SW NE	18	9S	16E	Duchesne	UT	PND	Green River	UTU-74390	43-013-31778	2048' FNL, 1769' FEL	Vernal							
Monument Federal #32-20-9-18Y		8 Mile Flat	SW NE	20	9S	18E	Uintah	UT	APRVD	Green River	UTU-74390	4301331805	1996' FNL, 1910' FEL	Vernal							
Monument Federal #33-5-9-17		Monument Butte	NW SE	5	9S	17E	Duchesne	UT	PND	Green River	U-64917	43-047-32725	1980' FNL, 1980' FEL	Vernal							
Monument Federal #33-7-9-16Y		Monument Butte	NW SE	7	9S	16E	Duchesne	UT	PND	Green River	UTU-74808	4301331819	1754' FSL, 2031' FEL	Vernal							
Monument Federal #33-31-8-16Y		Monument Butte	NE SE	31	8S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31773	2131' FSL, 1910' FEL	Vernal							
Monument Federal #34-6-9-16Y		Monument Butte	SW SE	34	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74389	43-013-31772	1957' FSL, 1810' FEL	Vernal							
Monument Federal #34-7-9-16Y		Monument Butte	SW SE	7	9S	16E	Duchesne	UT	PND	Green River	UTU-74390	4301331774	660' FSL, 1980' FEL	Vernal							
Monument Federal #34-31-8-18Y		Monument Butte	SWSE	34	8S	18E	Uintah	UT	PND	Green River	UTU-74390	4301331803	701' FSL, 2075' FEL	Vernal							
Monument Federal #41-22-8-17		Monument Butte	NE NE	22	8S	17E	Duchesne	UT	APRVD	Green River	UTU-74404	4304732845	636' FSL, 2160' FEL	Vernal							
Monument Federal #41-25-8-17		Monument Butte	NE NE	25	8S	17E	Uintah	UT	APRVD	Green River	UTU-76240	43-013-31827	703' FNL, 759' FEL	Vernal (Private sfc.)							
Monument Federal #41-35-9-18Y		Monument Butte	NE NE	35	9S	18E	Uintah	UT	APRVD	Green River	U-67845	43-047-32766	800' FNL, 860' FEL	Vernal							
Monument Federal #42-22-8-17		Monument Butte	SE NE	22	8S	17E	Duchesne	UT	APRVD	Green River	U-68618	43-047-32727	500' FNL, 660' FEL	Vernal	Humpback						
Monument Federal #42-25-8-17		Monument Butte	NE NE	25	8S	17E	Uintah	UT	APRVD	Green River	UTU-76240	43-013-31826	1930' FNL, 803' FEL	Vernal (Private sfc.)							
Monument Federal #43-22-8-17		Monument Butte	NE SE	22	8S	17E	Duchesne	UT	APRVD	Green River	U-67845	43-047-32767	1930' FNL, 803' FEL	Vernal							
Monument Federal #43-31-8-16Y		Monument Butte	NE SE	31	8S	16E	Duchesne	UT	APRVD	Green River	UTU-67845	43-013-31813	2174' FSL, 557' FEL	Vernal							
Monument Federal #43-31-8-18Y		Monument Butte	NE SE	31	8S	18E	Uintah	UT	APRVD	Green River	UTU-74389	43-013-31815	1980' FSL, 660' FEL	Vernal							
Monument Federal #43-25-8-17		Monument Butte	NE SE	25	8S	17E	Uintah	UT	PND	Green River	UTU-74404	4304732844	1764' FSL, 623' FEL	Vernal							
Monument Federal #44-7-9-16Y		Monument Butte	SE SE	7	9S	16E	Duchesne	UT	APRVD	Green River	U-67845	43-047-32768	1973' FSL, 719' FEL	Vernal							
Monument Federal #44-31-8-18Y		Monument Butte	SE SE	31	8S	18E	Uintah	UT	PND	Green River	UTU-74390	4301331804	860' FSL, 660' FEL	Vernal	Beluga						
Monument State #41-2-9-17CD		Monument Butte	NE NE	2	9S	17E	Uintah	UT	PND	Green River	U-65969	4304732728	915' FSL, 759' FEL	Vernal							
Monument State #42-2-9-17CD		Monument Butte	SE NE	2	9S	17E	Uintah	UT	APRVD	Green River	State #ML-45555	43-047-32843	662' FNL, 660' FEL	Vernal	Castle Draw						
											State #ML-45555	42-047-32842	1985' FNL, 660' FEL		Castle Draw						

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW/SE 2131' FSL & 1910' FEL

Sec 7 T9S R16E

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Nine Mile #10-7

9. API Well No.

43-013-31773

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing repair ☐ Water Shut-off
☐ Altering Casing ☐ Conversion to Injection
☒ Other Amended drilling program ☐ Dispose Water

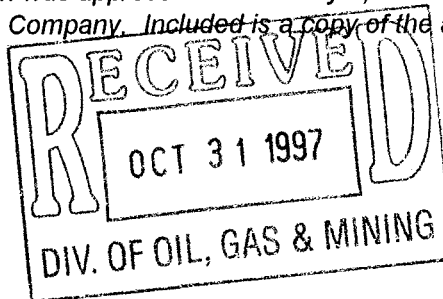
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Inland Production Company requests to change the name of the Monument Federal #33-7-9-16Y (formerly operated by Equitable Resources Energy Company,) to the Nine Mile #10-7.

The Application For Permit To Drill the above referenced location was approved on February 5, 1997. Please see the attached amended drilling program for Inland Production Company. Included is a copy of the approved APD cover sheet and COA's, for your convenience.

CONFIDENTIAL



14. I hereby certify that the foregoing is true and correct

Signed

Cheryl Cameron
Cheryl Cameron

Title

Regulatory Compliance Specialist

Date **10/27/97**

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

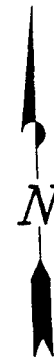
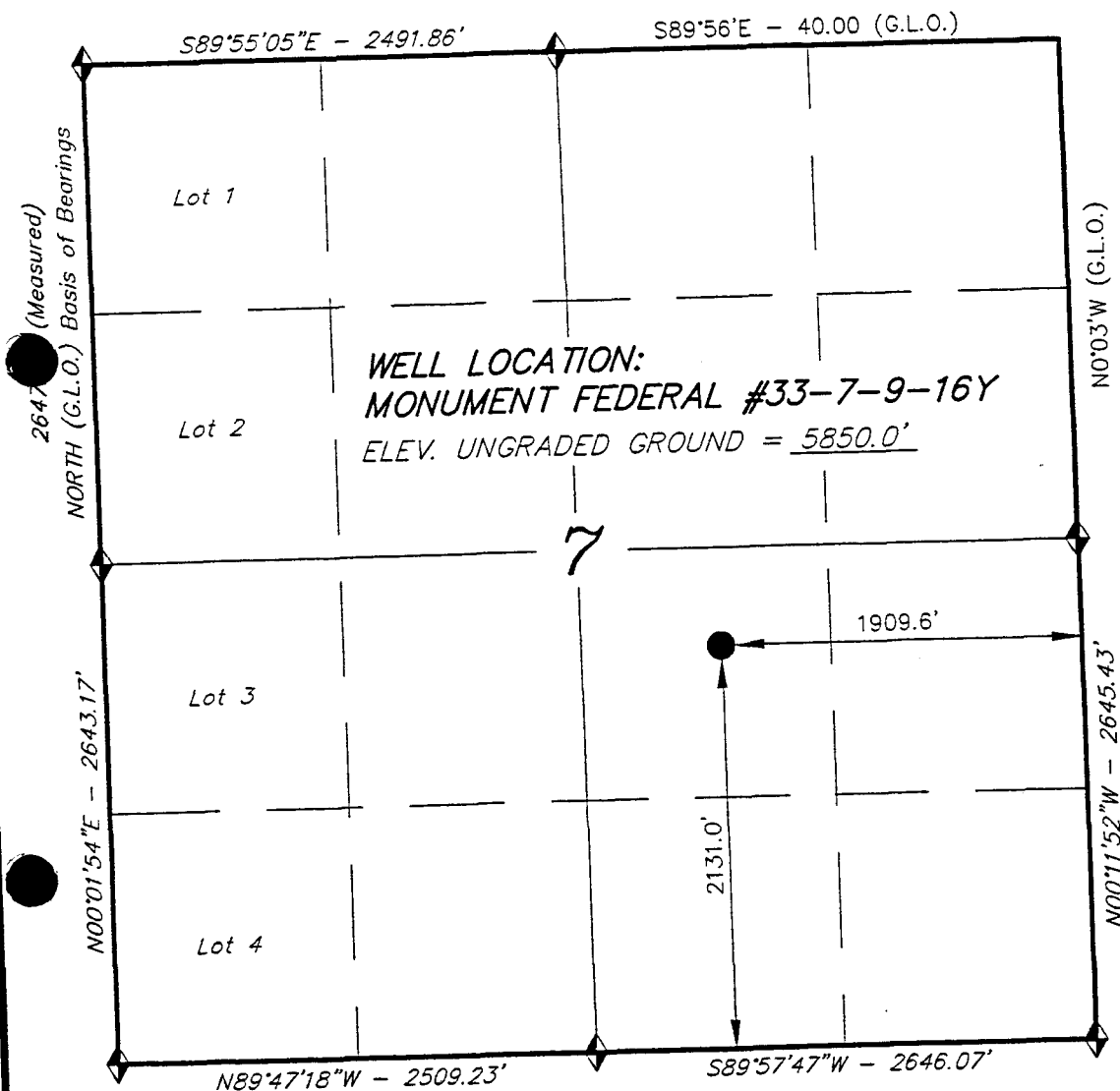
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

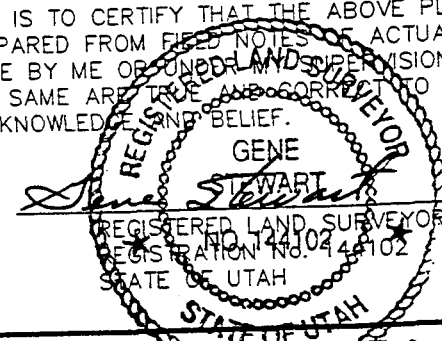
T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL
#33-7-9-16Y, LOCATED AS SHOWN IN
THE NW 1/4 SE 1/4 OF SECTION 7,
T9S, R16E, S.L.B.&M. DUCHESNE
COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: G.S.
DATE: 12-14-96	WEATHER: COLD
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ JAN 14 1997 DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Equitable Resources Energy Company

3. ADDRESS OF OPERATOR
1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
NW SE Section 7, T9S, R16E 2131' FSL, 1910' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 12.6 miles SW of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
16. NO. OF ACRES IN LEASE
17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
19. PROPOSED DEPTH
5,700'

20. ROTARY OR CABLE TOOLS
Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5,850' GL
22. APPROX. DATE WORK WILL START*
2/1/97

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached	Drilling Program/Casing Design			

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF-CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable RESoruces Energy Company as principal and Safeco Insurance Company of American as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE January 13, 1997
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE ACTING Assistant Field Manager Mineral Resources DATE FEB 03 1997
CONDITIONS OF APPROVAL, IF ANY

CONDITIONS OF APPROVAL ATTACHED NOTICE OF APPROVAL

*See Instructions On Reverse Side

18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**INLAND PRODUCTION COMPANY
NINE MILE #10-7
NW/SE SECTION 7, T9S, R16E
DUCHESNE COUNTY, UTAH**

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 3050'
Green River	3050'
Wasatch	6500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 3050' - 6500' - Oil

4. PROPOSED CASING AND CEMENTING PROGRAM

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New)
5 1/2", J-55, 15.5# w/ LT&C collars; set at TD (New)

<u>SIZE OF HOLE</u>	<u>SIZE OF CASING</u>	<u>WEIGHT/FOOT</u>	<u>SETTING DEPTH</u>	<u>QUANTITY OF CEMENT</u>
12 1/4"	8 5/8"	24#	300'	120 sx
7 7/8"	5 1/2"	15.5#	TD	400 sx followed by 330 sx

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.

SURFACE PIPE – Premium Plus Cement, w/ 2% Gel, 2% CaCl₂, 1/4#/sk Flocele

Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H₂O Req: 6.5 Gal/sk

LONG STRING: Lead: Hibond 65 Modified

Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H₂O Req: 18.08 Gal/sk

Tail: Premium Plus Thixotropic

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H₂O Req: 7.88 Gal/sk

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Annular Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOPS's will be checked daily.

(See Exhibit F)

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

The well will be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3050' \pm , to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions of 5 lb. - 8 lb. per barrel of DAP (Di-Ammonium Phosphate, commonly known as fertilizer). This fresh water system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromate's will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

AIR DRILLING

In the event that the proposed Nine Mile #10-7 be "Air Drilled", Inland requests a variance to regulations requiring a straight run blooie line. Inland proposes that the flowline will contain two (2) 90 degree turns. Inland also requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. Inland requests authorization to ignite as needed, and the flowline at 80'.

Inland Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

MUD PROGRAM

MUD TYPE

Surface - 320'

Air

320' - 4200'

Air/Mist & Foam

4200' - TD

The well will be drilled with fresh water through the Green River Formation @ 4200' \pm , to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions or by adding DAP (Di-Ammonium Phosphate, commonly known as fertilizer.) Typically, this fresh water/polymer system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Gamma Ray/Caliber from TD to base of surface casing @ 300' \pm , and a Compensated Neutron-Formation Density Log. Logs will run from TD to 3500' \pm . The cement bond log will be run from PBD to cement top. An automated mud logging system will be utilized while drilling to monitor and record penetration rate, and relative gas concentration, in the fluid system.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H₂S will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that the drilling operations will commence the forth quarter of 1997, and take approximately six days to drill. Proposed depth @ 6500'.

**INLAND PRODUCTION COMPANY
NINE MILE #10-7
NW/SE SECTION 7, T9S, R16E
DUCHESNE COUNTY, UTAH**

THIRTEEN POINT WELL PROGRAM

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Nine Mile #10-7 located in the NW 1/4 SE 1/4 Section 7, T9S, R16E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and the Sand Wash Road; proceed southerly along this road - 1.7 miles to the Wells Draw Road intersection; proceed southwesterly 9.3 miles to the beginning of the access road, to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

Approximately 60' of access road is proposed.
See Topographic Map "B".

The proposed access road will be upgraded with an 18" crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to Exhibit "D".

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to BLM specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte, Travis, and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system, for the purpose of drilling and completing the Nine Mile #10-7, or trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E). See Exhibit "C".

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet - Exhibit "E".

A small reserve pit (80 X 40 X 8' deep, or less) will be constructed from native soil and clay materials. A water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the well bore. Any drilling fluids which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. All drilling fluids will be fresh water based containing DAP (Di-Ammonium Phosphate, commonly known as fertilizer), typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

All completion fluids, frac gels, etc., will be contained in steel tanks and hauled away to approved commercial disposal, as necessary.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for re-injection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the west between stakes 4 & 5.

The stockpiled topsoil (first six (6) inches) will be stored on the north between stakes 6 & 8.

Access to the well pad will be from the northwest corner near stake #6.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

a) ***Producing Location***

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/ operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion . Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

b) ***Dry Hole Abandoned Location***

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey Report has been submitted by Equitable Resource Energy Company and is on file with the Bureau of Land Management.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Inland Production Company guarantees that during the drilling and completion of Nine Mile #10-7 we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Nine Mile #10-7, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Cheryl Cameron
Address: P.O. Box 790233 Vernal, Utah 84079
Telephone: (801) 789-1866

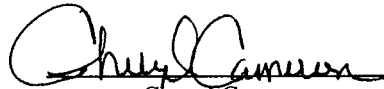
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #10-7 NW/SE Section 7, Township 9S, Range 16E: Lease #UTU-74390 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

10/27/97

Date



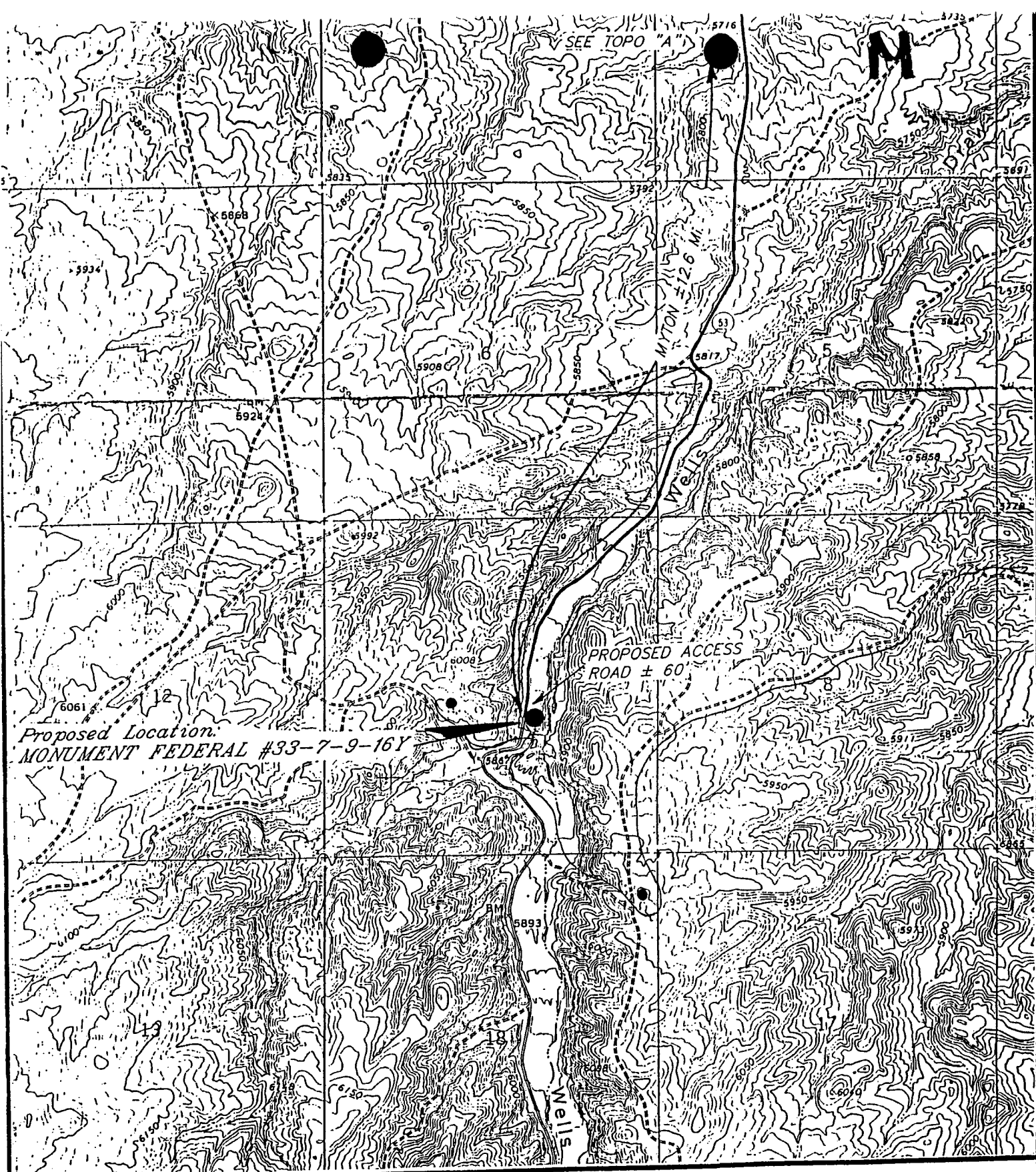
Cheryl Cameron
Regulatory Compliance Specialist

APPLICATION FOR PIPELINE RIGHT-OF-WAY

Please consider this Application for Permit to Drill also as an application for the pipeline (gas gathering system) Right-of-Way for this prospective well. See attached map for the pipeline route. The gas line will be a polyurethane surface line.

Please advise of the costs associated with this Right-of-Way and a check will be forthcoming.

Route will follow existing roads where feasible. Operator requests a 30' width for the Right-of-Way with an additional 30' width for working surface as necessary.

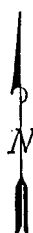


GAS GATHERING LINES

Monument Federal #33-7-9-16Y
Section 7, T9S, R16E



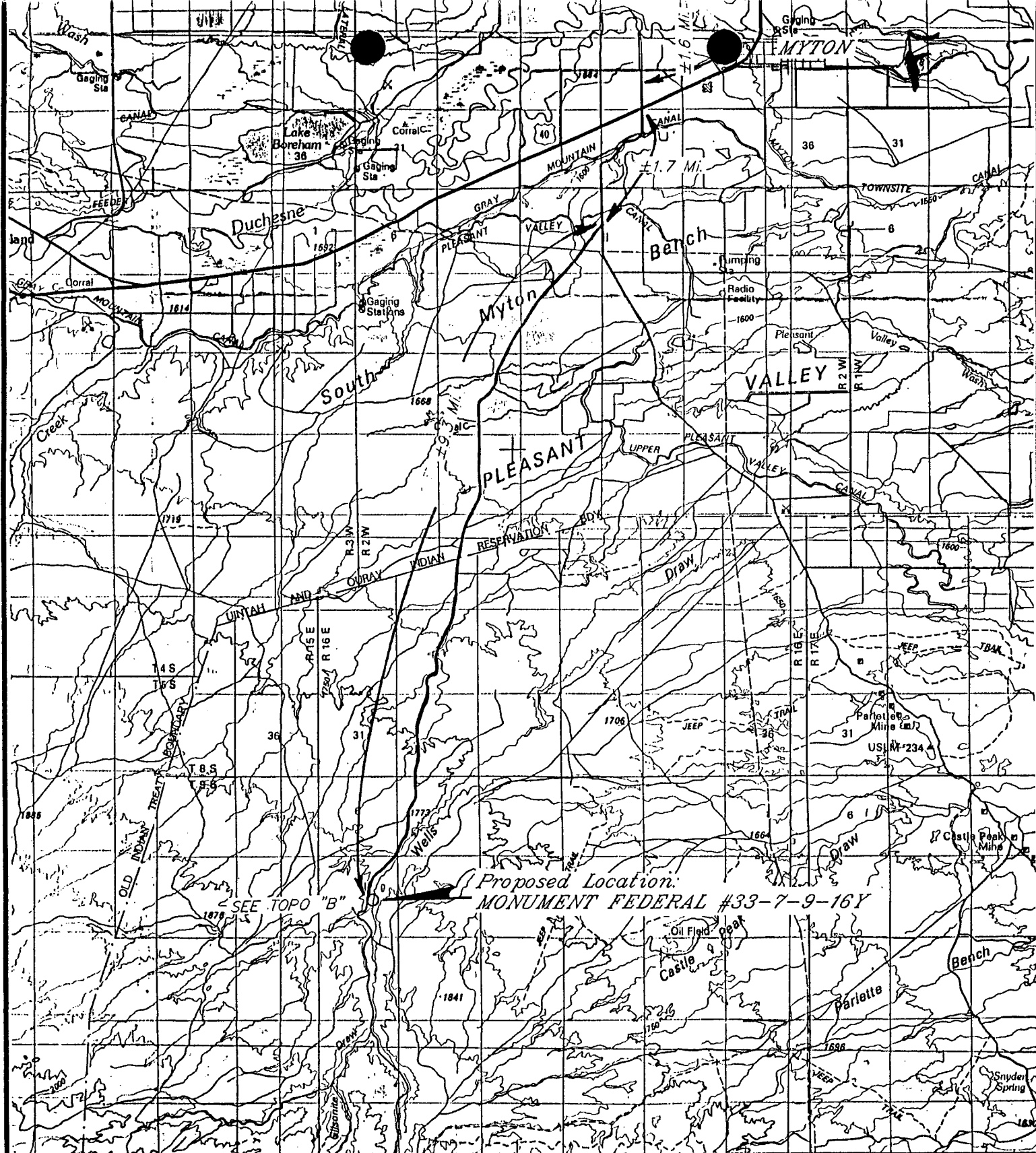
EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION



SCALE: 1" = 2000'

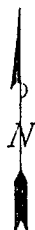
+++++ proposed poly gas line

— existing poly gas line

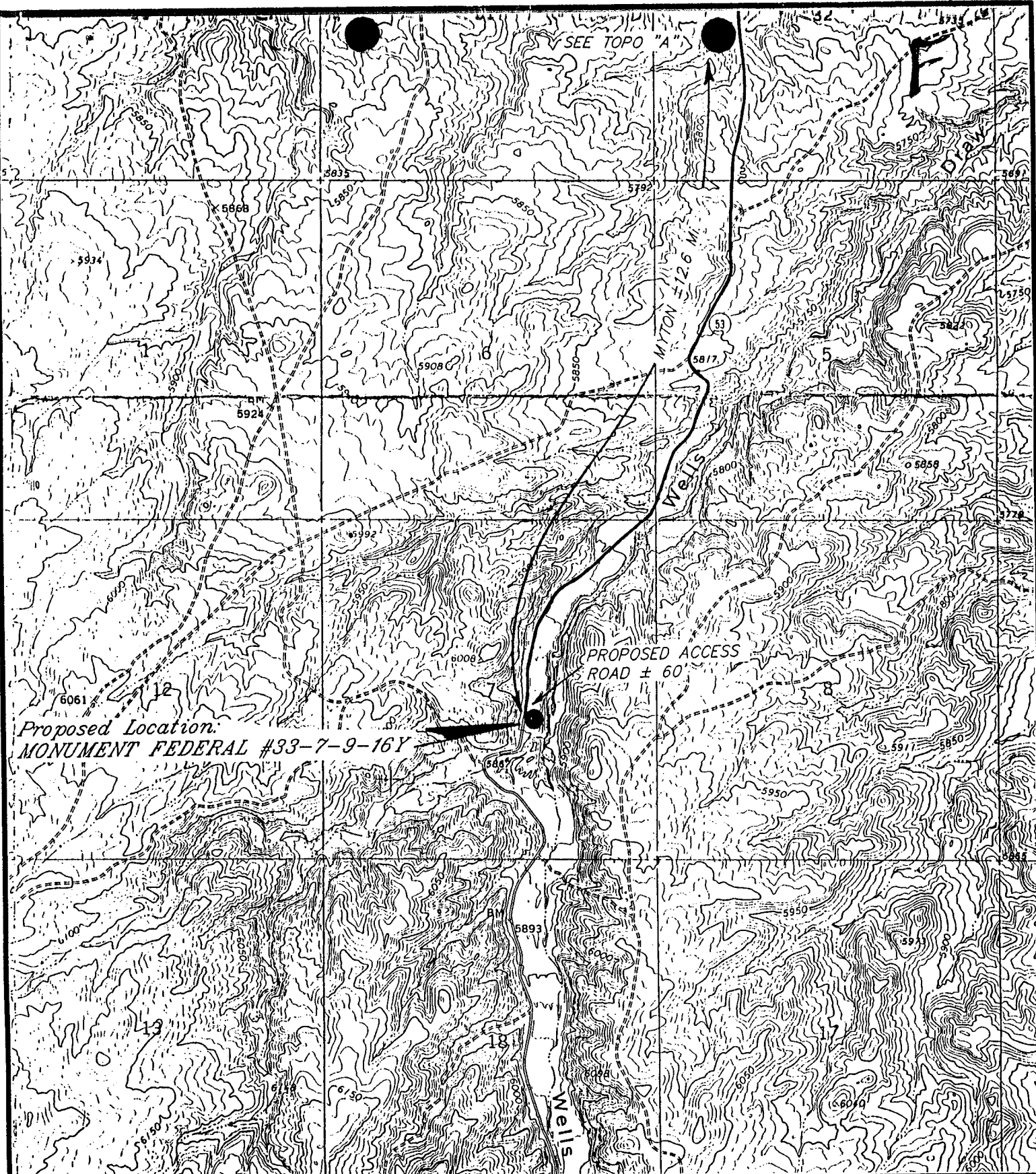


EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #33-7-9-16Y
SEC. 7, T9S, R16E, S.L.B.&M.
TOPO "A"

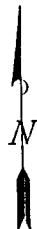


Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078



EQUITABLE RESOURCES CO.

***MONUMENT FEDERAL #33-7-9-16Y
SEC. 7, T9S, R16E, S.L.B.&M.
TOPO "B"***



SCALE: 1" = 2000'

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

EXHIBIT "C"

UTU-73087

Wells Draw Unit

UTU-73086

UTU-64379

UTU-73087

UTU-64379

U-020255

U-020254

UTU-74390

UTU-65207

U-096550

UTU-72107

UTU-64379

U-40894

U-017985

U-096547

UTU-64379

U-52018

UTU-64379

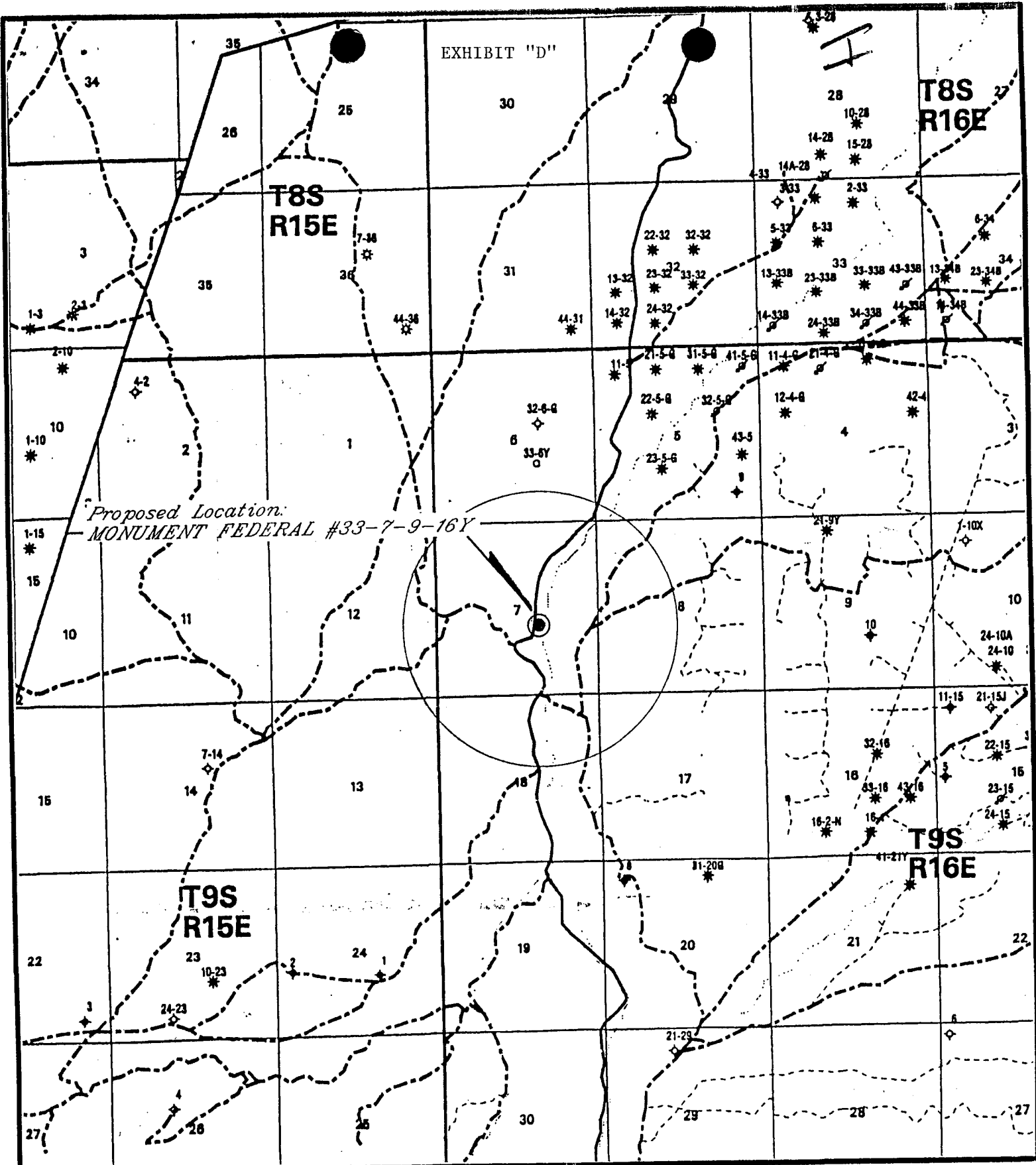
CASTLE

U-1585

NINE
MILE

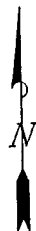
UTU-74391

UTU-74392



EQUITABLE RESOURCES CO.

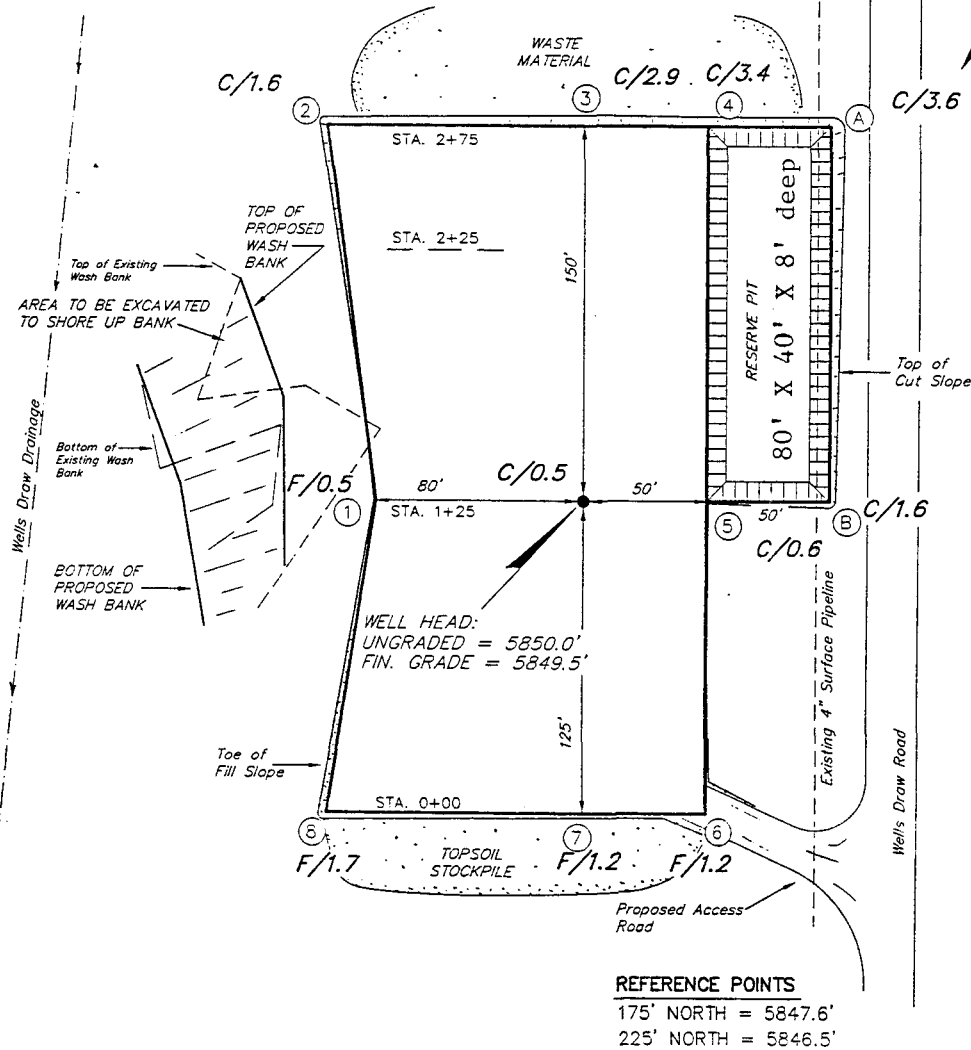
MONUMENT FEDERAL #33-7-9-16Y
SEC. 7, T9S, R16E, S.L.B.&M.
TOPO "C"



Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #33-7-9-16Y
SEC. 7, T9S, R16E, S.L.B.&M.

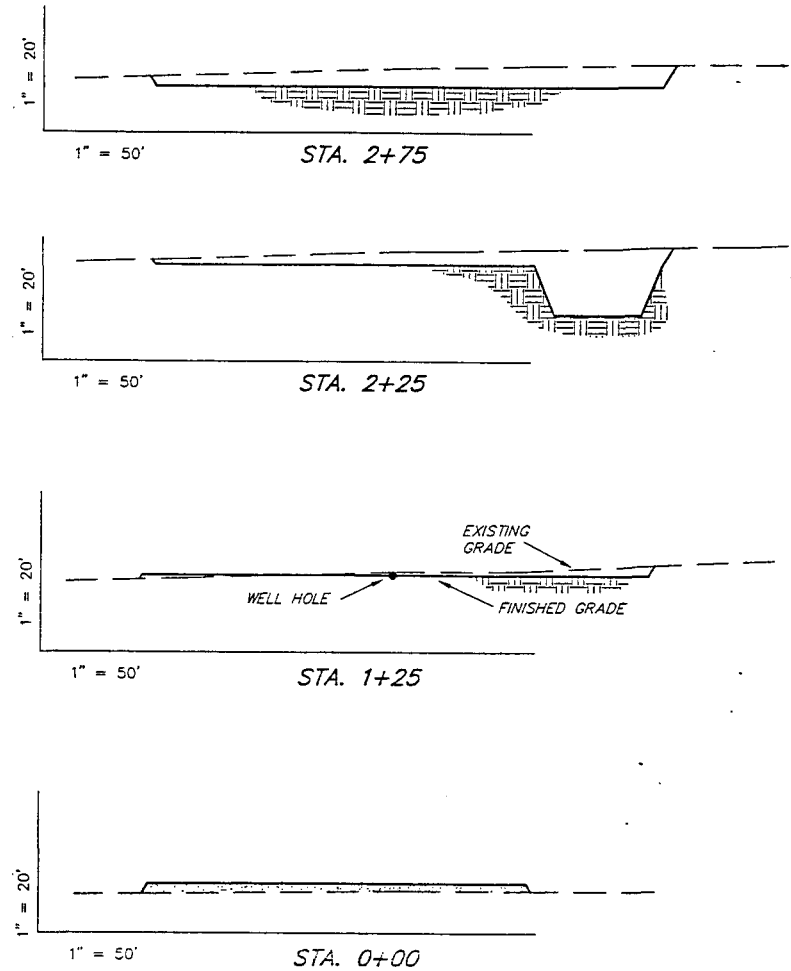


REFERENCE POINTS

175' NORTH = 5847.6'
225' NORTH = 5846.5'

APPROXIMATE YARDAGES

CUT = 1,250 Cu. Yds.
FILL = 880 Cu. Yds.
PIT = 1,770 Cu. Yds.
6" TOPSOIL = 880 Cu. Yds.



SURVEYED BY: S.S.

DRAWN BY: J.R.S.

DATE: 12-26-96

SCALE: 1" = 50'

FILE:

Tri State
Land Surveying, Inc.

(801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84072

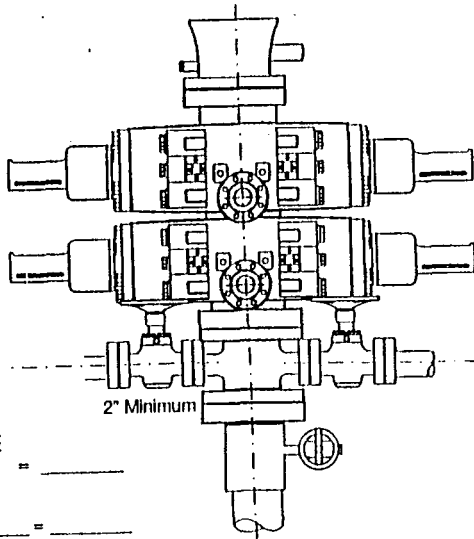
2-M SYSTEM

RAM TYPE B.O.P.

Make:

Size:

Model:



2" Minimum

GAL TO CLOSE

Annular BOP = _____

Ramtype BOP

_____ Rams x _____ = _____

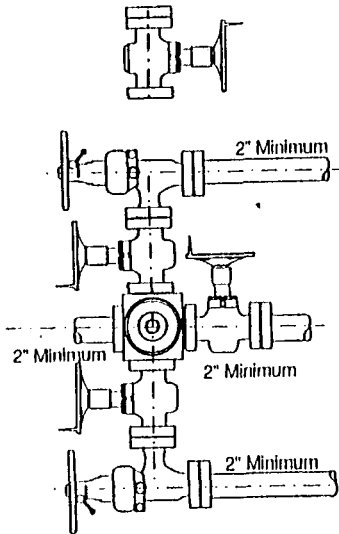
= _____ Gal.

_____ x 2 = _____ Total Gal.

Rounding off to the next higher

increment of 10 gal. would require

_____ Gal. (total fluid & nitro volume)



2" Minimum

2" Minimum

2" Minimum

2" Minimum

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 33-7-9-16Y

API Number: 43-013-31773

Lease Number: U-74390

Location: NWSE Sec. 7 T. 9S R. 16E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to running the next casing string or requesting plugging orders.** Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water Zone identified at ± 965 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by the cementing program. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to ± 765 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

Proposed Production Facilities

A dike will be constructed completely around those production facilities which contain fluids. These dikes will be constructed of compacted subsoil, be impervious, and hold 100% of the capacity of the largest tank.

All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units, will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Location Site Layout:

For safety to personnel & equipment and to prevent potential erosion, the East edge of the location shall be modified. The east edge of the location is near the steep wall of the Wells Draw drainage. Use equipment to modify this steep wall to no greater than a 1:1 slope. A topographical point of soil materials, and on the same side of the drainage as the location, extends into Wells Draw within 100 feet of this area to be sloped. The construction worker developing the site may utilize this material as fill aiding in the development of the 1:1 slope. After the East edge of the location is properly sloped then the operator will be required to seed this area to reduce future erosion. *Contact the authorized officer of the BLM prior to site developmet.* Contact the authorized officer of the BLM to obtain the seed mixture and seeding requirements necessary to stabilize this sloped area.

Plans For Reclamation Of Location

This location is situated within Wells Draw and may prove vulnerable to high water flows during wet periods. To reduce the likelihood of the Reserve Pit being impacted by possible ephemeral high water flows the reserve pit shall be reclaimed within 60 days from first production.

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to blend all cuts, fills, road berms, and borrow ditches to be natural in appearance with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

Other Information

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.

Raptor Habitat

If this is a producing well the operator is required to install a hospital type muffler or a multicylinder engine to the pumping unit to limit noise impacts to nesting raptor species.

Surface Gas Lines

1. Installation of the proposed surface gas lines will not be performed during periods when the soil is too wet to adequately support installation equipment. If equipment create ruts in excess of four inches, the soil will be deemed too wet to adequately support the equipment.
2. All surface lines will be either black or brown in color.
3. Lines will be laid as close to roads as possible but far enough off the road surface to prevent interference with normal use of the road or road maintenance.
4. Notify all workers that during maintenance or inspection of the surface gas line, that disturbance to vegetated lands shall be kept to a minimum.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (801) 781-4400
Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3
UT08438

November 10, 1997

Inland Production Company
475 17th Street, Suite 1500
Denver, CO 80202

Re: *43-013-31773 (Nine mile 10-7)*
Well No. Mon. Fed. 33-7-9-16Y
NWSE, Sec. 7, T9S, R16E
Lease U-74390
Uintah County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: Division of Oil, Gas & Mining
Equitable Resources Energy Company
ABO Petro Corp
Myco Industries Inc
Yates Drilling Co.
Yates Petro Corp

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: NINE MILE 10-7

Api No. 43-013-31773

Section: 7 Township: 9S Range: 16E County: DUCHESNE

Drilling Contractor: FOUR CORNERS

Rig # 6

SPUDDED:

Date: 12/1/97

Time: 9:25 AM

How: ROTARY

Drilling will commence: _____

Reported by: MIKE WARD

Telephone NO.: _____

Date: 12/2/97 Signed: JLT

✓

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

NINE MILE 10-7

9. API Well No.

43-013-31773

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE (GR RVR)

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒

Oil
Well

☐

Gas
Well

☐

Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2131 FSL, 1910 FEL NW/SE Section 7, T09S R16E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

Weekly Status

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-
ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 11/27/97 - 12/3/97

Test BOP's & sfc csg. Drl cmt, plug & shoe. Drl 12' - 2875'.

CONFIDENTIAL

14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

12/5/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2131 FSL, 1910 FEL NW/SE Section 7, T09S R16E

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

NINE MILE 10-7

9. API Well No.

43-013-31773

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE (GR RVR)

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Surface Spud**

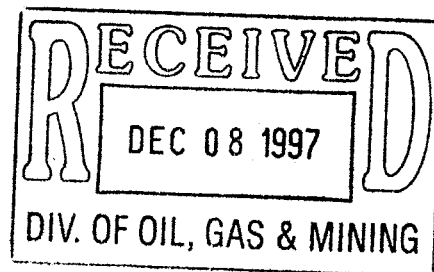
CONFIDENTIAL

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRU Four Corners #6. Drl mouse & rat hole. **Spud well @ 9:00 pm, 12/1/97.** Run 8-5/8" GS, 7 jt 24#, J-55, ST & C csg (290'). Csg set @ 303'. RU Halliburton. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/200 sx Premium Plus w/2% CC & 1/2#/sk flocele (15.6 ppg 1.18 cf/sk yield). Good returns w/4 bbl cmt to sfc. RD Halliburton.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

12/5/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

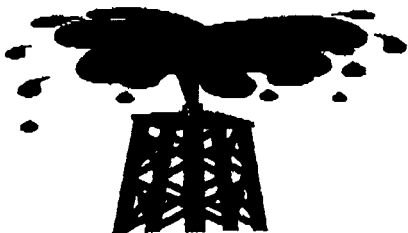
Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: *Lisha*
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.*
Call if you need anything
further.

(June 1990)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

NINE MILE 10-7

9. API Well No.

43-013-31773

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE (GR RVR)

11. County or Parish, State

DUCHESNE COUNTY, UTAH**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil
WellGas
Well

Other

CONFIDENTIAL

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2131 FSL, 1910 FEL**NW/SE Section 7, T09S R16E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION

Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing

Other Weekly Status

Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

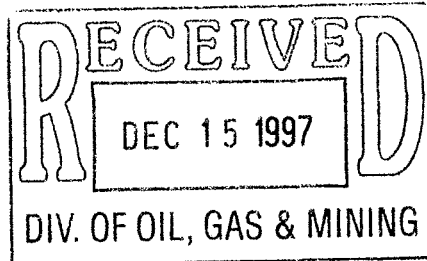
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 12/4/97 - 12/10/97

Drilled 7-7/8" hole w/Four Corners, Rig #6 from 4875' - 5860'.

Run 5-1/2" GS, 1 jt 5-1/2" csg, 5-1/2" FC, 136 jts 5-1/2", 15.5#, J-55, LT & C csg (5847'). Csg set @ 5858'. (Landing jt 21'.) RU Halliburton & circ. Pmp 10 bbl dye wtr & 20 bbl gel cmt w/430 sx Hibond 65 Modified (11.0 ppg 3.0 cf/sk yield) & tailed w/360 sx Thixotropic w/10% Calseal (14.2 ppg 1.59 cf/sk yield). POB @ 10:45 pm, 12/7/97. Est 2 bbl cmt to sfc. ND BOP's. Set slips w/80,000#, clean tanks. Rig released @ 2:45 am, 12/8/97. RDMOL.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

12/11/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

(June 1990)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

NINE MILE 10-7

9. API Well No.

43-013-31773

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil
WellGas
Well

Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2131 FSL 1910 FEL**NW/SE Section 7, T09S R16E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION

Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other

Weekly Status

Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

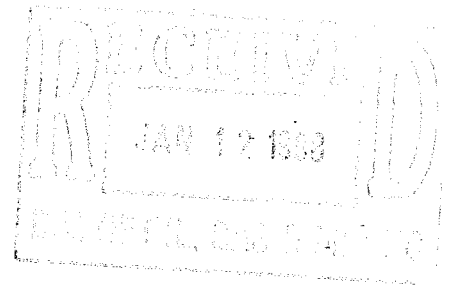
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 12/25/97 - 12/31/97

Perf CP sds @ 5608-16' & 5768-88'.

Perf LDC sds @ 5232-46', 5250-58', 5272-88' & 5312-16'.

CONFIDENTIAL

14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

1/8/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

NINE MILE 10-7

9. API Well No.

43-013-31773

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2131 FSL 1910 FEL NW/SE Section 7, T09S R16E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Weekly Status

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 1/1/98 - 1/7/98

Perf A sds @ 4945-48', 5025-34' & 5082-88'.

Perf YDC sds @ 4569-80'.

CONFIDENTIAL

14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

1/8/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

(June 1990)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

NINE MILE 10-7

9. API Well No.

43-013-31773

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH*SUBMIT IN TRIPLICATE*

1. Type of Well

Oil
WellGas
Well

Other

CONFIDENTIAL

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2131 FSL 1910 FEL**NW/SE Section 7, T09S R16E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION

Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other

Weekly Status

Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

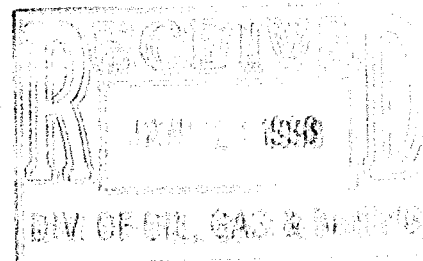
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 1/8/98 - 1/14/98

Swab well. Trip production tbg.

Place well on production @ 1:30 PM, 1/10/98.



14. I hereby certify that the foregoing is true and correct

Signed

Shaunen Smith

Title

Engineering Secretary

Date

1/16/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company
ADDRESS 475 17th St., Suite 1500
Denver, CO 80202

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	12281	43-03-31942	Sand Wash 9-29-8-17 Tar Sands Federal 9-29	NW	29	85	17E	Duchesne	12/11/97	12/10/97
WELL 1 COMMENTS: Spud well w/ Union Rig #7 @ 10:00 pm, 12/11/97 Entities added 2-10-98: Lec											
	99999	12282	43-03-31952	Nine Mile 4-6	NW	6	95	16E	Duchesne	12/18/97	01/18/97
WELL 2 COMMENTS: Spud well w/ Leon Ross @ 1:00 pm, 12/18/97.											
A	99999	12283	43-03-31943	Sand Wash 12-28-8-17 Tar Sands 12-28	NW	28	85	17E	Duchesne	12/20/97	12/20/97
WELL 3 COMMENTS: Spud well w/ Union #7 @ 12:30 pm, 12/20/97.											
A	99999	12284	43-03-31954	Nine Mile 13-6-9-16	SW	6	95	16E	Duchesne	1/1/98	1/1/98
WELL 4 COMMENTS: Spud well w/ Four Corner Leon Ross @ 8:15 am 1/1/98.											
A	99999	12285	43-03-31972	Wells Draw 6-4	NW	4	95	16E	Duchesne	1/7/98	1/7/98
WELL 5 COMMENTS: Spud well w/ ZCM Drilling @ 4:00 pm, 1/7/98											

NOTATION: COPIES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith
Signature

Engineering Technician 2/9/98
Title

Date

Phone No. 303, 376-8107

No. 2265

IN AND RESOURCES

Feb. 9, 1998

4:50 PM

7/89)

OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM G

OPERATOR Inland Production Company
ADDRESS 475 17th St., Suite 1500
Denver, CO 80202

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					Q#	SC	TF	RG			
A	99999	12286	43-013-31773	Nine Mile 10-7	NW/SE	7	9S	16E	Duchesne	12/1/97	12/1/97
WELL 1 COMMENTS: Spud well w/Four Corners #6 @ 9:00 pm, 12/1/97.											
A	99999	12287	43-013-31803	Nine Mile 15-7	SW/SE	7	9S	16E	Duchesne	12/2/97	12/2/97
WELL 2 COMMENTS: Spud well w/Leon Ross @ 2:45 pm, 12/2/97.											
	99999	12275	43-013-31596	Castle Draw 1-2	SW/NE	2	9S	16E	Duchesne	11/25/97	11/25/97
WELL 3 COMMENTS: 43-047-32843 Entity previously added. Spud well w/Union rig #7 @ 6:30 pm, 11/25/97.											
	99999	12275	43-013-31596	Castle Draw 8-2	SE/NE	2	9S	16E	Duchesne	12/3/97	12/3/97
WELL 4 COMMENTS: 43-047-32842 Entity previously added. Spud well w/Union rig #7 @ 10:45 pm, 12/3/97.											
	99999	12288	43-013-31953	Nine Mile 5-6-7-10	SW/NW	6	9S	16E	Duchesne	12/7/97	12/7/97
WELL 5 COMMENTS: Spud well w/Leon Ross @ 9:00 am, 12/7/97.											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith
Signature
Engineering Technician 2/9/98
Title Date
Phone No. 303, 376-8107

NO. 2200

INLAND RESOURCES

4:30 PM

9. 1998

1/89

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company
ADDRESS 475 17th St., Suite 1500
Denver, CO 80202

OPERATOR ACCT. NO. H5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TF	RG			
A	99999	12289	43-013-31719	Nine Mile 6-6	SW	6	9S	16E	Duchesne	11/6/97	11/6/97
WELL 1 COMMENTS: Spud well w/Four Corners rig #6 @ 9:30 pm, 11/6/97.											
	99999	12290	43-013-31776	Nine Mile 6-7	SW	7	9S	16E	Duchesne	11/10/97	11/10/97
WELL 2 COMMENTS: Spud well w/Leon Ross @ 4:00 pm 11/10/97.											
A	99999	12291	43-013-31777	Nine Mile 5-7	SW	7	9S	16E	Duchesne	11/16/97	11/16/97
WELL 3 COMMENTS: Spud well w/Leon Ross @ 1:00 pm 11/16/97.											
A	99999	12292	43-013-31778	Nine Mile 7-7	SW	7	9S	16E	Duchesne	11/20/97	11/20/97
WELL 4 COMMENTS: Spud well w/Leon Ross @ 11:45 11/20/97.											
	99999	12293	43-013-31990	MBFNE 11-24-8-16 Monument Butte 11-24	SW	24	8S	16E	Duchesne	11/17/97	11/17/97
WELL 5 COMMENTS: Spud well w/Union rig #7 @ 3:00 am 11/17/97.											

ACTION CODES (See instructions on back of form)
A - Establish new entity for new well (single well only)
B - Add new well to existing entity (group or unit well)
C - Re-assign well from one existing entity to another existing entity
D - Re-assign well from one existing entity to a new entity
E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith
Signature
Engineering Technician 2/9/98
Title Date
Phone No. (303) 376-8107
893-0162

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒

GAS WELL ☐

DRY ☐

CONFIDENTIAL

1b. TYPE OF WELL

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF RESVR ☐

Other 2-10-99
EXPIRED

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS AND TELEPHONE NO.

410 Seventeenth Street, Suite 700, Denver, CO 80202 (303) 292-0900

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface

NW/SE

2131 FSL 1910 FEL

CONFIDENTIAL

At top prod. Interval reported be:

At total depth

14. PERMIT NO.

43-013-31773

DATE ISSUED

2-5-97

9. API WELL NO.

43-013-31773

10. FIELD AND POOL OR WILDCAT

MONUMENT BUTTE

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 7, T09S R16E

15. DATE SPURRED

12-1-97

16. DATE T.D. REACHED

12-8-97

17. DATE COMPL. (Ready to prod.)

1-10-98

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5862' KB; 5850' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5860'

21. PLUG, BACK T.D., MD & TVD

5780'

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4569'-5788'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIGL/SP/GR/CAL, SDL/DSN/GR, CBL 2-11-98

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
<i>8 5/8</i>	<i>24#</i>	<i>303'</i>	<i>12 1/4</i>	<i>200 sx Prem Plus</i>	
<i>5 1/2</i>	<i>15.5#</i>	<i>5858'</i>	<i>7 7/8</i>	<i>430 sx Hibond & 360 sx Thixo</i>	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<i>2-7/8"</i>	<i>5769'</i>	

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<i>5608'-5788'</i>	<i>129,100# 20/40 sd in 627 Delta Frac</i>
<i>5232'-5316'</i>	<i>125,400# 20/40 sd in 560 Delta Frac</i>
<i>4945'-5088'</i>	<i>127,200# 20/40 sd in 608 Delta Frac</i>
<i>4569'-4580'</i>	<i>59,000# 20/40 sd in 374 Delta Frac</i>

See Attached

CONFIDENTIAL

33.* PRODUCTION

DATE FIRST PRODUCTION

1-10-98

PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)

Pumping - 2-1/2" x 1-1/2" x 16' RHAC pump

WELL STATUS (Producing or shut-in)

producing

DATE OF TEST

10 Day Avg

HOURS TESTED

1/1/98

CHOKE SIZE

N/A

PROD'N. FOR TEST PERIOD

—>

OIL--BBL.

150

GAS--MCF.

186

WATER--BBL.

30

GAS-OIL RATIO

1.240

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

—>

OIL--BBL.

GAS--MCF.

WATER--BBL.

OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)*

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Items in #26, #31

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Debbie Knight

TITLE

Permitting Specialist

DATE

2/9/98

(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS			
FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr		3634'					
Garden Gulch 2		3969'					
Point 3		4220'					
X Marker		4490'					
Y Marker		4554'					
Douglas Creek		4638'					
Bi-Carb		4872'					
B-Lime		4978'					
Castle Peak		5534'					
Basal Carbonate		NDE					
Total Depth		5860'					

10/10/2010

**Nine Mile #10-7
API #43-013-31773**

31. Perforation Record

CP Sand – 5608'-16'; 5768'-88'

w/4 JSPF

**LDC Sand – 5232'-46'; 5250'-58'; 5272'-88';
5312'-16'**

w/4 JSPF

A Sand –4945'-48'; 5025'-34'; 5082'-88'

w/4 JSPF

YDC Sand –4569'-80'

w/4 JSPF

WEST POINT UNIT WELL LISTING

AS OF 7/13/98

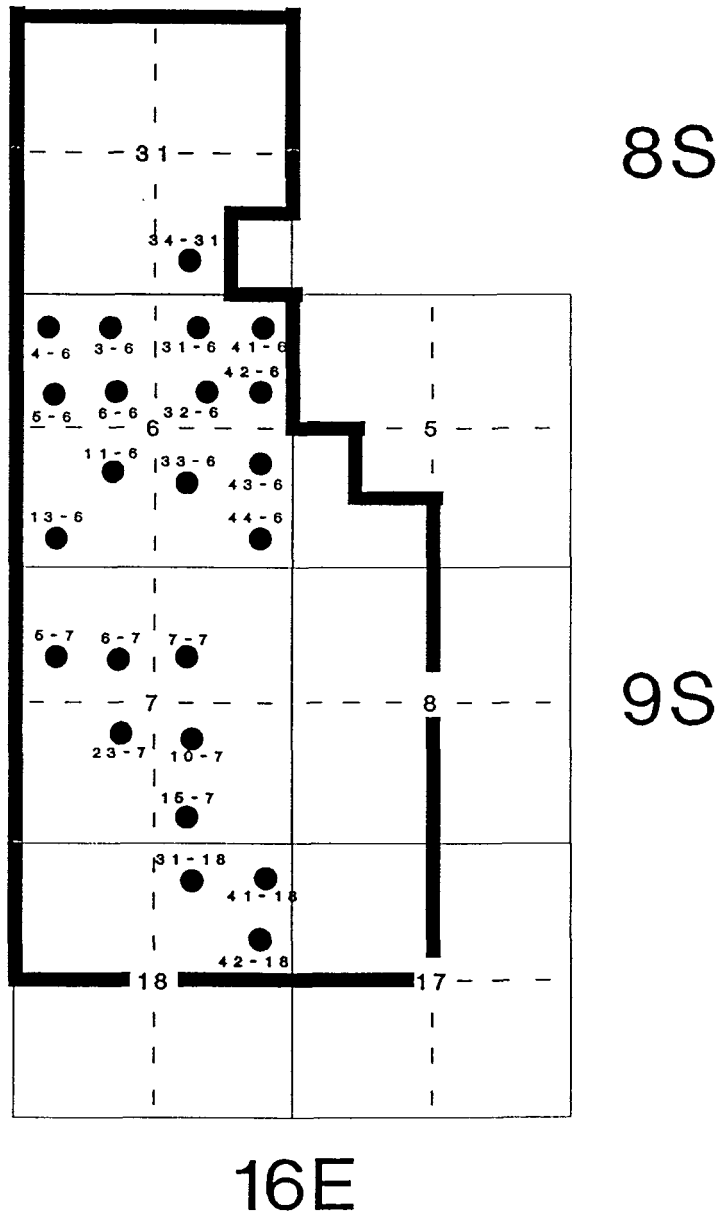
T. 8 & 9S, R. 16E

SEC.	FIELD	WELL NAME	STATUS	API NUMBER	
6	WEST POINT UNIT	MON FED #31-6Y	PROD	4301331717	12060
6	WEST POINT UNIT	FED 32-06-09-16Y	PROD	4301331300	11211
6	WEST POINT UNIT	MON FED #42-6Y	PROD	4301331645	11947
6	WEST POINT UNIT	MON FED #43-6Y	PROD	4301331644	11960
6	WEST POINT UNIT	MON FED #33-6Y	PROD	4301331589	11933
6	WEST POINT UNIT	FED 44-06-09-16Y	PROD	4301331720	12066
7	WEST POINT UNIT	MON FED #23-7Y	PROD	4301331694	12019
18	WEST POINT UNIT	MON FED #41-18Y	PROD	4301331640	11941
18	WEST POINT UNIT	FED 31-18-9-16Y	PROD	4301331725	12104
18	WEST POINT UNIT	FED 42-18-09-16Y	PROD	4301331724	12124
31	WEST POINT UNIT	MON FED 34-31-8-16	PROD	4301331715	12067
6	WEST POINT UNIT	MON FED 41-6-9-16Y	PROD	4301331718	12043
6	WEST POINT UNIT	NINE MILE 3-6	PROD	4301331810	12264
6	WEST POINT UNIT	NINE MILE 11-6	PROD	4301331812	12266
6	WEST POINT UNIT	NINE MILE FEDERAL 15-6-9-16	PROD	4301332010	12327
7	WEST POINT UNIT	NINE MILE 6-7	PROD	4301331776	12290
* 7	WEST POINT UNIT	NINE MILE 10-7	PROD	4301331773	12286
7	WEST POINT UNIT	NINE MILE FEDERAL 12-7-9-16	PROD	4301332014	12328
6	WEST POINT UNIT	NINE MILE 4-6	PROD	4301331952	12282
6	WEST POINT UNIT	NINE MILE 5-6	PROD	4301331953	12288
6	WEST POINT UNIT	NINE MILE 13-6	PROD	4301331954	12284
6	WEST POINT UNIT	NINE MILE 6-6	PROD	4301331719	12289
7	WEST POINT UNIT	NINE MILE 5-7	PROD	4301331777	12291
7	WEST POINT UNIT	NINE MILE 7-7	PROD	4301331778	12292
7	WEST POINT UNIT	NINE MILE 15-7	PROD	4301331803	12287
7	WEST POINT UNIT	NINE MILE 2-7	PROD	4301332011	12316
7	WEST POINT UNIT	NINE MILE 3-7	PROD	4301332012	12313
7	WEST POINT UNIT	NINE MILE 4-7	PROD	4301332013	12325
	WEST POINT UNIT	NINE MILE 14-6	P & A	4301331999	

WEST POINT (GR) UNIT ENTITY 12418 EFF 6-1-98.

WEST POINT (GREEN RIVER) UNIT Duchesne County, Utah

EFFECTIVE: JUNE 1, 1998



— UNIT OUTLINE (UTU77107X)

2,738.19 ACRES

SECONDARY
ALLOCATION

FEDERAL 100%

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

WEST POINT (GR RVR)

8. Well Name and No.

NINE MILE 10-7

9. API Well No.

43-013-31773

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2131 FSL 1910 FEL NW/SE Section 7, T09S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

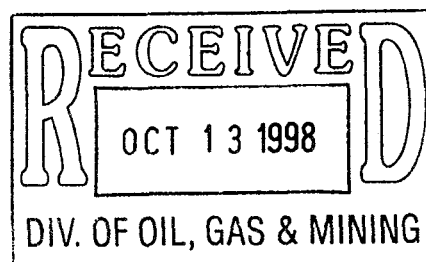
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Site Security**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/7/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

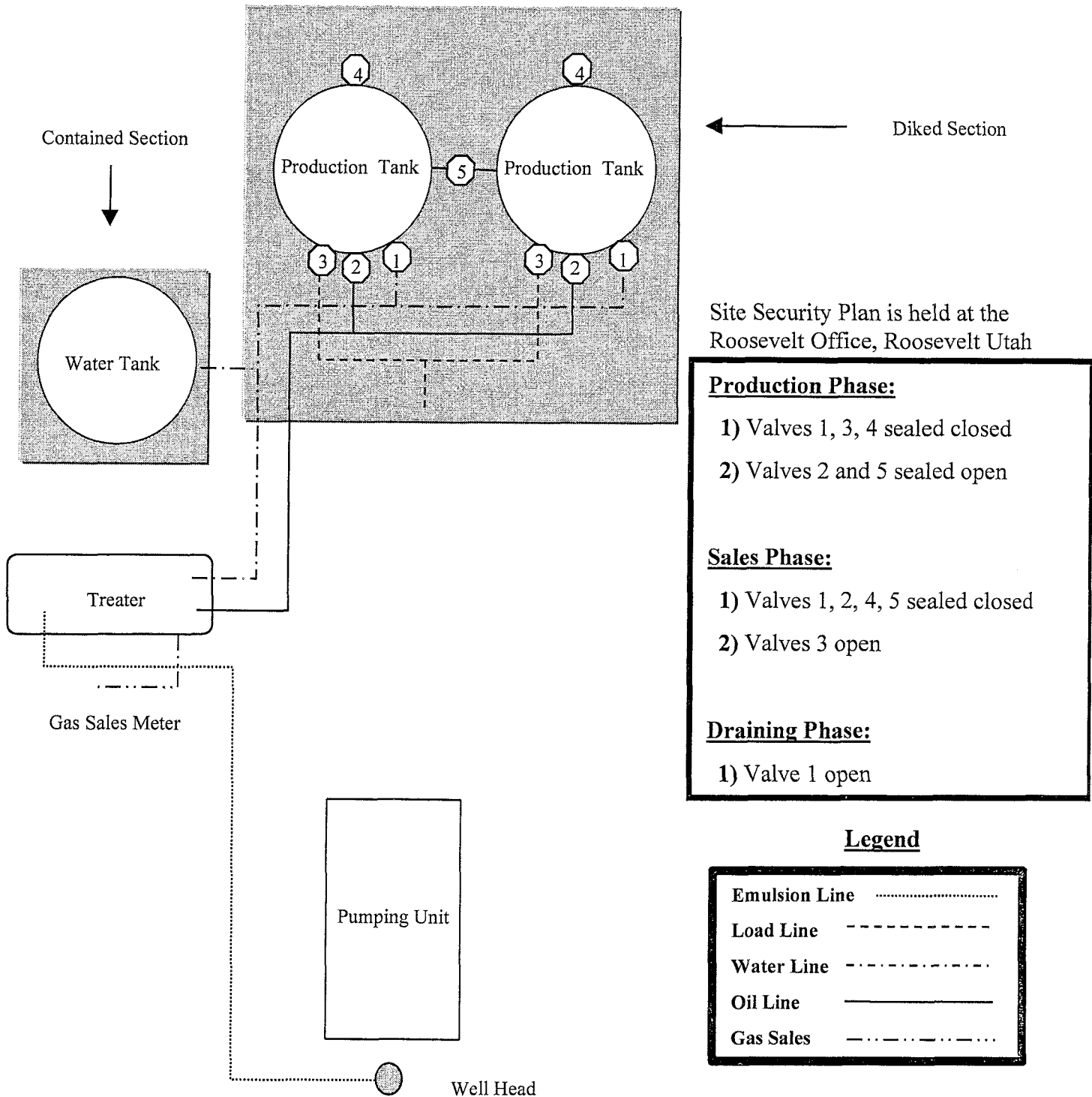
Inland Production Company Site Facility Diagram

Nine Mile Federal 10-7

NW/SE Sec. 7, T9S, 16E

Duchesne County

May 12, 1998



OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-DEC	6-DEC
2-GLH	7-KAS
3-DES	8-ST
4-VLD	9-FILE
5-JRB	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>C/O CRAZY MTN O&G SVS</u>
	<u>ROOSEVELT UT 84066</u>		<u>PO BOX 577</u>
			<u>LAUREL MT 59044</u>
	Phone: <u>(801) 722-5103</u>		Phone: <u>(406) 628-4164</u>
	Account no. <u>N5160</u>		Account no. <u>N9890</u>

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-013-31773</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). (leg. 11-24-97) (rec'd 12-10-97)
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). (rec'd 10-20-97)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____
- lec 4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (11-24-97)
- lec 6. Cardex file has been updated for each well listed above. (11-24-97)
- lec 7. Well file labels have been updated for each well listed above. (11-24-97)
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (11-24-97)
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Sec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- Sec 2. A copy of this form has been placed in the new and former operator's bond files.
- ____ 3. The FORMER operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Today's date: 4.7.99.

FILING

- ____ 1. Copies of all attachments to this form have been filed in each well file.
- ____ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

971124 Blm/Velma/ Aprv. 11-10-97

(Jun ay

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

WEST POINT (GR RVR)

8. Well Name and No.

NINE MILE 10-7

9. API Well No.

43-013-31773

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2131 FSL 1910 FEL NW/SE Section 7, T9S R16E12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****TYPE OF SUBMISSION**☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice**TYPE OF ACTION**☐ Abandonment☒ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

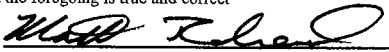
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well had re-completion procedures initiated in the Green River formation on 5/02/2003. Existing production equipment was pulled from well. A bit and scraper was run into well. Two new Green River interval were perforated and hydraulically fracture treated as follows. Stage #1: D1 sands (4673'-4680') were perforated, all 4 JSPF, and hydraulically fracture treated with 25,028# 20/40 sand in 218 bbls Viking I-25 fluid. Stage #2: GB4 sands (4148'-4156') (4160'-4164') (4169'-4173') (4204'-4208') were perforated, all 4 JSPF, and hydraulically fracture treated with 49,527# 20/40 sand in 400 bbls Viking I-25 fluid. All fracs were flowed back through chokes. Sand was cleaned to plug (4260'), and then plug was released. New intervals were swab tested for sand cleanup. Tagged fill at 5767' (no new fill). Sand was then cleaned out to 5775'. BHA and production tubing were run and anchored in well w/ tubing anchor @ 5630', pump seating nipple @ 5664', and end of tubing string @ 5728'. A repaired 1 1/2" rod pump was run in well on sucker rods. Well returned to production on 5/8/2003.

RECEIVED**MAY 15 2003****DIV. OF OIL, GAS & MINING****5/13/2003**

14. I hereby certify that the foregoing is true and correct

Signed



Title

Production Clerk

Date

Matthew Richmond

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):
 N5160-Inland Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

TO: (New Operator):
 N2695-Newfield Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

CA No.

Unit:

WEST POINT (GREEN RIVER)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON FED 34-31-8-16	31	080S	160E	4301331715	12418	Federal	WI	A
WEST POINT U 13-5-9-16	05	090S	160E	4301331766	12418	Federal	OW	P
MON FED 32-6-9-16Y	06	090S	160E	4301331300	12418	Federal	WI	A
MON FED 33-6-9-16Y	06	090S	160E	4301331589	12418	Federal	OW	S
MON FED 43-6-9-16Y	06	090S	160E	4301331644	12418	Federal	WI	A
MON FED 42-6-9-16Y	06	090S	160E	4301331645	12418	Federal	OW	P
MON FED 31-6-9-16Y	06	090S	160E	4301331717	12418	Federal	OW	P
MON FED 41-6-9-16Y	06	090S	160E	4301331718	12418	Federal	WI	A
NINE MILE 6-6	06	090S	160E	4301331719	12418	Federal	OW	P
MON FED 44-6-9-16Y	06	090S	160E	4301331720	12418	Federal	OW	P
WEST POINT U 12-6-9-16	06	090S	160E	4301331765	12418	Federal	OW	P
NINE MILE 11-6	06	090S	160E	4301331812	12418	Federal	WI	A
MON FED 23-7-9-16Y	07	090S	160E	4301331694	12418	Federal	WI	A
NINE MILE 10-7	07	090S	160E	4301331773	12418	Federal	OW	P
NINE MILE 6-7	07	090S	160E	4301331776	12418	Federal	OW	P
NINE MILE 5-7	07	090S	160E	4301331777	12418	Federal	WI	A
NINE MILE 7-7	07	090S	160E	4301331778	12418	Federal	WI	A
NINE MILE 15-7	07	090S	160E	4301331803	12418	Federal	WI	A
NINE MILE 16-7-9-16	07	090S	160E	4301331804	12418	Federal	OW	P
MON FED 41-18-9-16Y	18	090S	160E	4301331646	12418	Federal	WI	A
MON FED 42-18-9-16Y	18	090S	160E	4301331724	12418	Federal	OW	S
MON BUTTE FED 31-18-9-16Y	18	090S	160E	4301331725	12418	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



April 3, 2009

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Nine Mile 10-7-9-16
Monument Butte Field, Lease #UTU-74390
Section 7-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Nine Mile 10-7-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg
Regulatory Analyst

RECEIVED

APR 21 2009

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
NINE MILE 10-7-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
WEST POINT UNIT
LEASE #UTU-74390
APRIL 3, 2009

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Nine Mile 10-7-9-16
Field or Unit name: Monument Butte (Green River), West Point Unit Lease No. UTU-74390
Well Location: QQ NW/SE section 7 township 9S range 16E county Duchesne

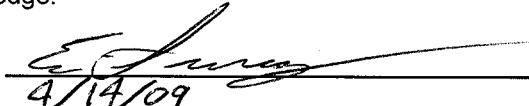
Is this application for expansion of an existing project? Yes ☒ No ☐
Will the proposed well be used for: Enhanced Recovery? Yes ☒ No ☐
Disposal? Yes ☐ No ☒
Storage? Yes ☐ No ☒
Is this application for a new well to be drilled? Yes ☐ No ☒
If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒
Date of test: _____
API number: 43-013-31773

Proposed injection interval: from 3969 to 5534
Proposed maximum injection: rate 500 bpd pressure 1690 psig
Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature 
Title Regulatory Analyst Date 4/14/09
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

RECEIVED

APR 21 2009

DIV. OF OIL, GAS & MINING

Nine Mile 10-7-9-16

Spud Date: 12/1/97
Put on Production: 1/10/98
GL: 5850' KB: 5862'

Initial Production: 150 BOPD,
186 MCFPD, 30 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (290')
DEPTH LANDED: 303' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs Premium cmt, est 4 bbls to surf.

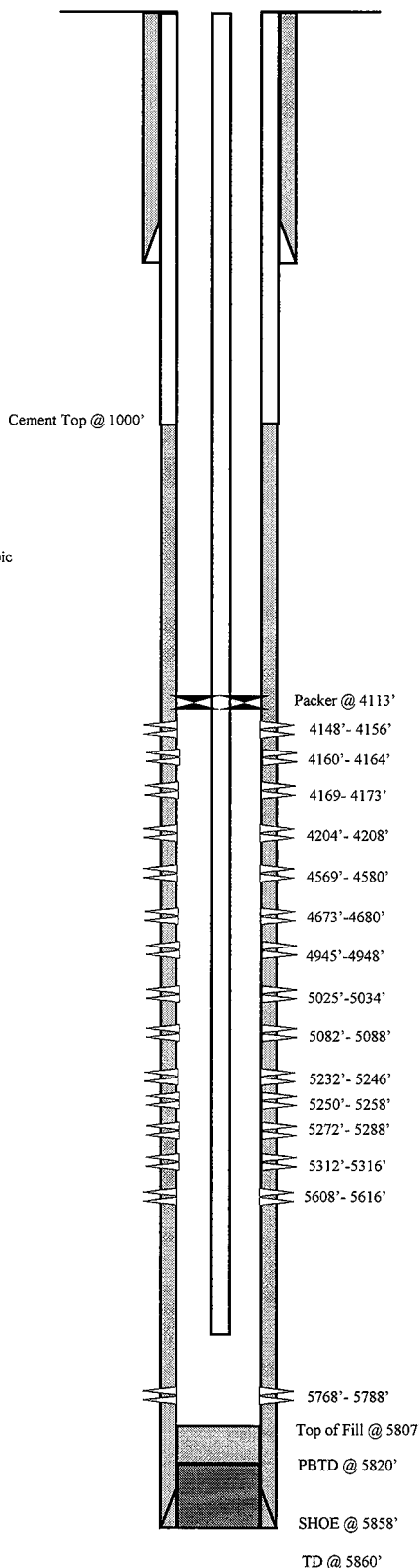
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5847')
DEPTH LANDED: 5858' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 430 sxs Hibond mixed & 360 sxs thixotropic
CEMENT TOP AT: 1000'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 178 jts (5563.88')
TUBING ANCHOR: 5575.88' KB
NO. OF JOINTS: 1 jt (31.15')
SN LANDED AT: 5609.78' KB
NO. OF JOINTS: 2 jts (62.55')
2 7/8 NC (.40')
TOTAL STRING LENGTH: EOT @ 5673.83' w/12' KB

Proposed Injection Wellbore Diagram



FRAC JOB

12/30/97	5608'-5788'	Frac CP sand as follows: 129,100# of 20/40 sd in 627 bbls Delta Frac. Treated @ avg rate 35 bpm, avg press 1600 psi. ISIP-2029 psi. Calc. flush: 5608 gal. Actual flush: 5551 gal.
1/1/98	5232'-5316'	Frac LDC sand as follows: 125,400# of 20/40 sd in 560 bbls Delta Frac. Treated @ avg rate of 30.3 BPM, avg press 2600 psi. ISIP-2892 psi. Calc. flush: 5232 gal. Actual flush: 5198 gal.
1/4/98	4945'-5088'	Frac A sand as follows: 127,200# 20/40 sand in 608 bbls Delta Frac. Treated w/avg press of 2493 psi w/avg rate of 35 BPM. ISIP - 3120 psi. Calc. flush: 4945 gal. Actual flush: 4844 gal.
1/8/98	4569'-4580'	Frac YDC sands as follows: 59,000# 20/40 sand in 374 bbls of Delta Frac. Treated @ avg press of 2800 psi w/avg rate of 27 BPM. ISIP-3904 psi. Screened out w/ 1146 gal flush remaining. Calc. flush: 4569 gal. Actual flush: 3337 gal.
4/16/99		Pump change. Update rod and tubing details.
5/5/03	4673'-4680'	Frac D1 sand as follows: 25,028# 20/40 sand in 218 bbls of Viking I-25 fluid. Treated @ avg press of 2661 psi w/avg rate of 16 BPM. ISIP-1720 psi. Calc flush: 1204 gal. Actual flush: 1134 gal.
5/5/03	4148'-4208'	Frac GB4 sand as follows: 49,527# 20/40 sand in 400 bbls of Viking I-25 fluid. Treated @ avg press of 1679 psi w/avg rate of 22 BPM. ISIP-2070 psi. Calc. flush: 4146 gal. Actual flush: 4074 gal.
5/5/04		Parted rods. Update rod detail.
01/10/06		Pump change. Update rod and tubing details.
05/04/06		Pump change. Update tubing & rod detail
7/22/08		pump change. Updated rod and tubing detail

PERFORATION RECORD

12/25/97	5608'-5616'	4 JSPF	32 holes
12/25/97	5768'-5788'	4 JSPF	80 holes
12/31/97	5232'-5246'	4 JSPF	56 holes
12/31/97	5250'-5258'	4 JSPF	32 holes
12/31/97	5272'-5288'	4 JSPF	64 holes
12/31/97	5312'-5316'	4 JSPF	16 holes
1/3/98	4945'-4948'	4 JSPF	12 holes
1/3/98	5025'-5034'	4 JSPF	36 holes
1/3/98	5082'-5088'	4 JSPF	24 holes
1/6/98	4569'-4580'	4 JSPF	44 holes
05/2/03	4673'-4680'	4 JSPF	28 holes
05/2/03	4204'-4208'	4 JSPF	16 holes
05/2/03	4169'-4173'	4 JSPF	16 holes
5/02/03	4160'-4164'	4 JSPF	16 holes
5/02/03	4148'-4156'	4 JSPF	32 holes

NEWFIELD



Nine Mile 10-7-9-16
2131 FSL & 1910 FEL
NW/SE Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-31773; Lease #UTU-74390

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Nine Mile 10-7-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Nine Mile 10-7-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (3969' -5534'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, whichever is shallower. The Garden Gulch Marker top is at 3634' and the TD is at 5860'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Nine Mile 10-7-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

Federal

This proposed injection well is on a ~~State~~ ^{Federal} lease (Lease #UTU-74390) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 303' KB, and 5-1/2", 15.5# casing run from surface to 5858' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1690 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Nine Mile 10-7-9-16, for existing perforations (4148' - 5788') calculates at 0.80 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1690 psig. We may add additional perforations between 3634' and 5860'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Nine Mile 10-7-9-16, the proposed injection zone (3969' - 5534') is in the Garden Gulch to Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-18.

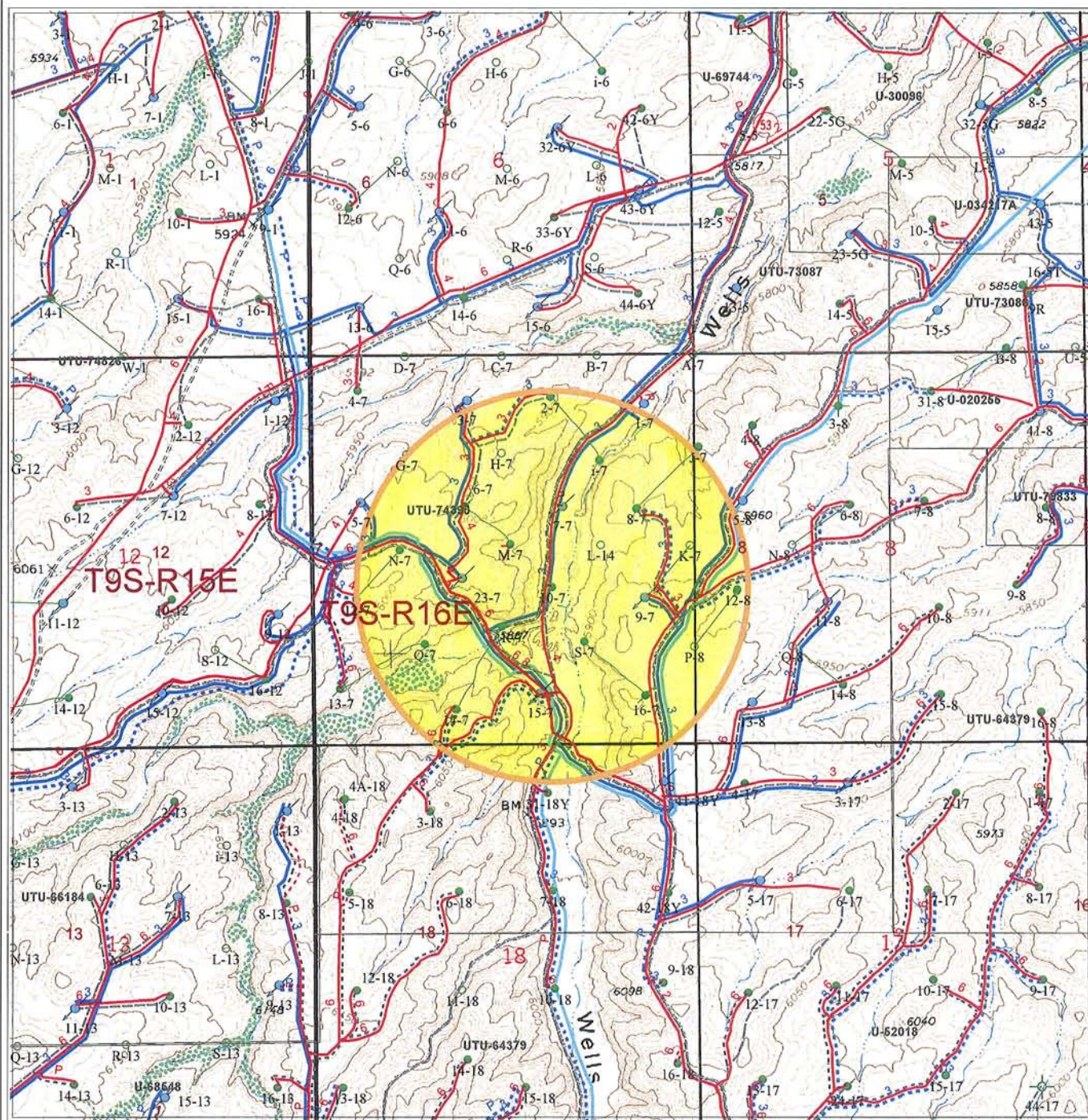
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



- Well Status**
- Location
 - ⊗ CTI
 - ⊙ Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - ⊗ Producing Gas Well
 - ⊕ Water Injection Well
 - ⊖ Dry Hole
 - ⊙ Temporarily Abandoned
 - ⊙ Plugged & Abandoned
 - ⊙ Shut In
- Countyline**
- Injection system**
- high pressure
 - low pressure
 - - - proposed
 - return
 - - - return proposed
- Gas Pipelines**
- Gathering lines
 - - - Proposed lines
- Leases**
- Mining tracts**
- 10-7-9-16 1/2mile radius**

UTU-74390

Attachment A

Nine Mile 10-7-9-16
Section 7, T9S-R16E



1/2 Mile Radius Map
Duchesne County

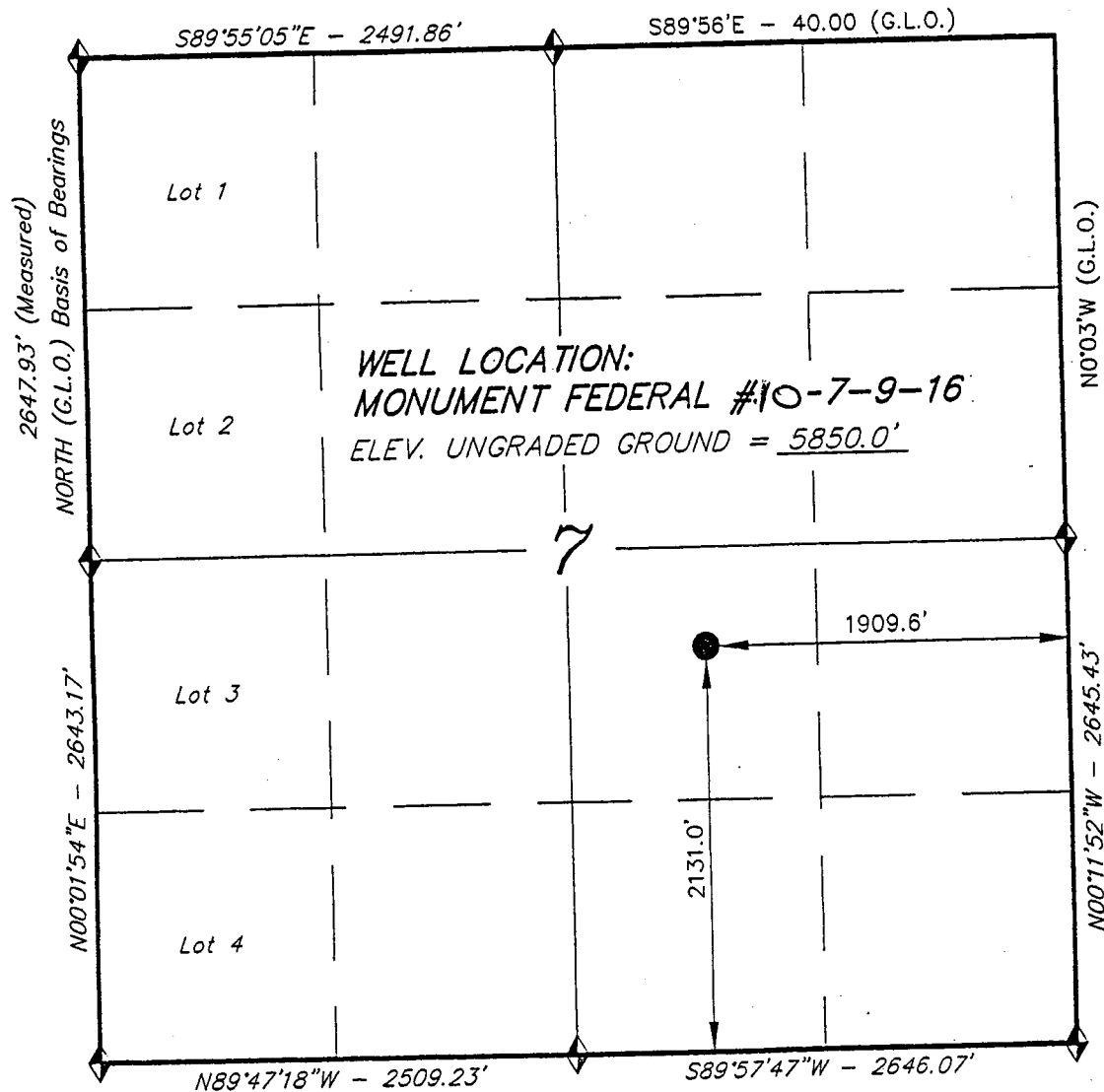
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

January 21, 2009

T9S, R16E, S.L.B.&M.

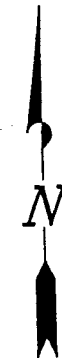
EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL
#10-7-9-16, LOCATED AS SHOWN IN
THE NW 1/4 SE 1/4 OF SECTION 7,
T9S, R16E, S.L.B.&M. DUCHESNE
COUNTY, UTAH.



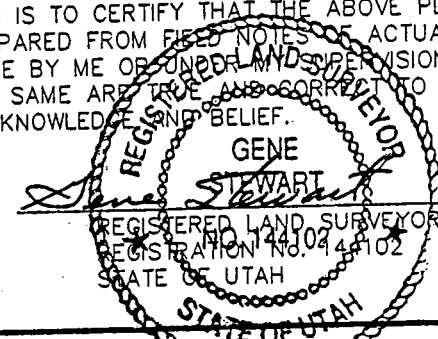
◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)



Attachment A-1

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: G.S.
DATE: 12-14-96	WEATHER: COLD
NOTES:	FILE #

EXHIBIT B

Page 1

1 of 1

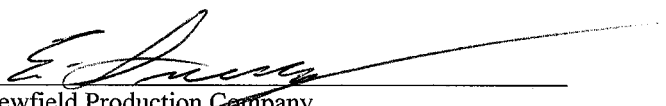
#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	<u>Township 9 South, Range 16 East</u> Section 6: All Section 7: All Section 8: W/2 Section 17: NW Section 18: Lots 1 & 3, NE, E2NW	UTU-74390 HBP	Newfield Production Company 1001 17 TH St Suite 2000 Denver, CO 80202 Yates Petroleum Corporation Yates Drilling Company Myco Industries Inc ABO Petroleum Corporation 105 S Fourth St. Artesia, NM 88210	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Nine Mile 10-7-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Analyst

Sworn to and subscribed before me this 14th day of April, 2009.

Notary Public in and for the State of Colorado: 

My Commission Expires: 2/10/2013

Attachment E

Nine Mile 10-7-9-16

Spud Date: 12/1/97
Put on Production: 1/10/98
GL: 5850' KB: 5862'

Initial Production: 150 BOPD,
186 MCFPD, 30 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (290')
DEPTH LANDED: 303' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5847')
DEPTH LANDED: 5858' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 430 sxs Hibond mixed & 360 sxs thixotropic
CEMENT TOP AT: 1000'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 178 jts (5563.88')
TUBING ANCHOR: 5575.88' KB
NO. OF JOINTS: 1 jt (31.15')
SN LANDED AT: 5609.78' KB
NO. OF JOINTS: 2 jts (62.55')
2 7/8 NC (.40')
TOTAL STRING LENGTH: EOT @ 5673.83' w/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod
SUCKER RODS: 1-8", 1-6", 2-4" X 3/4" pony rod, 91-3/4" guided rods, 74-3/4" slick rods, 52-3/4" guided rods (bottom 20 new), 2- 1 5/8" wt. bars, 4 1 1/2" wt bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16' RHAC pump w/ 120" SL
STROKE LENGTH: 86
PUMP SPEED, 5 SPM

FRAC JOB

12/30/97 5608'-5788' **Frac CP sand as follows:**
129,100# of 20/40 sd in 627 bbls Delta Frac.
Treated @ avg rate 35 bpm, avg press 1600 psi. ISIP-2029 psi. Calc. flush: 5608 gal. Actual flush: 5551 gal.

1/1/98 5232'-5316' **Frac LDC sand as follows:**
125,400# of 20/40 sd in 560 bbls Delta Frac.
Treated @ avg rate of 30.3 BPM, avg press 2600 psi. ISIP-2892 psi. Calc. flush: 5232 gal. Actual flush: 5198 gal.

1/4/98 4945'-5088' **Frac A sand as follows:**
127,200# 20/40 sand in 608 bbls Delta Frac.
Treated w/avg press of 2493 psi w/avg rate of 35 BPM. ISIP - 3120 psi. Calc. flush: 4945 gal. Actual flush: 4844 gal.

1/8/98 4569'-4580' **Frac YDC sands as follows:**
59,000# 20/40 sand in 374 bbls of Delta Frac.
Treated @ avg press of 2800 psi w/avg rate of 27 BPM. ISIP-3904 psi. Screened out w/ 1146 gal flush remaining. Calc. flush: 4569 gal. Actual flush: 3337 gal.

4/16/99 Pump change. Update rod and tubing details.

5/5/03 4673'-4680' **Frac D1 sand as follows:**
25,028# 20/40 sand in 218 bbls of Viking I-25 fluid. Treated @ avg press of 2661 psi w/avg rate of 16 BPM. ISIP-1720 psi. Calc flush: 1204 gal. Actual flush: 1134 gal.

5/5/03 4148'-4208' **Frac GB4 sand as follows:**
49,527# 20/40 sand in 400 bbls of Viking I-25 fluid. Treated @ avg press of 1679 psi w/avg rate of 22 BPM. ISIP-2070 psi. Calc. flush: 4146 gal. Actual flush: 4074 gal.

5/5/04 Parted rods. Update rod detail.

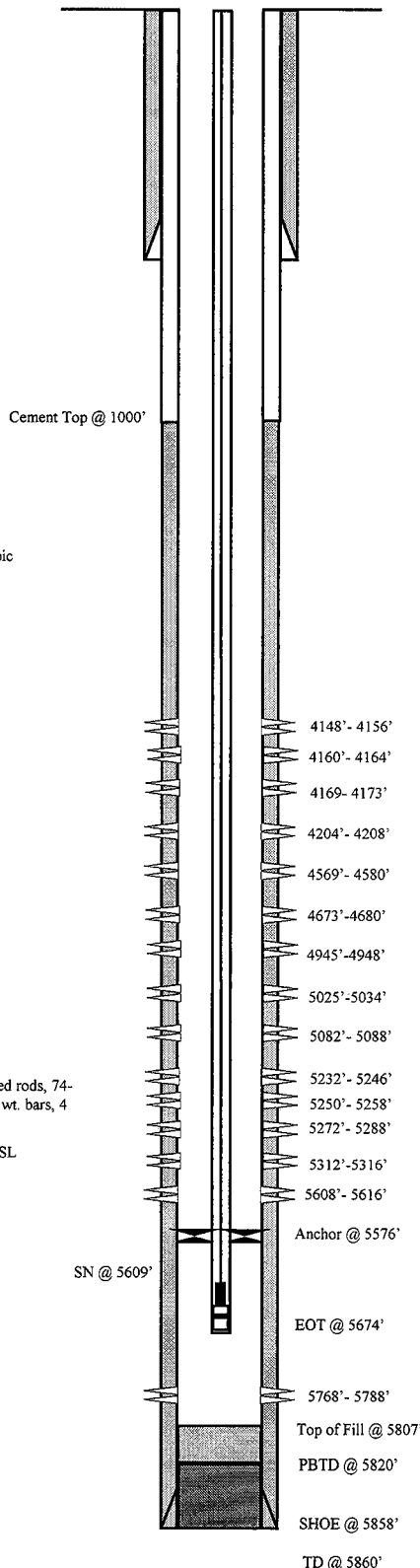
01/10/06 Pump change. Update rod and tubing details.

05/04/06 Pump change. Update tubing & rod detail

7/22/08 pump change. Updated rod and tubing detail

PERFORATION RECORD

Date	Interval	Tool	Holes
12/25/97	5608'-5616'	4 JSFP	32 holes
12/25/97	5768'-5788'	4 JSFP	80 holes
12/31/97	5232'-5246'	4 JSFP	56 holes
12/31/97	5250'-5258'	4 JSFP	32 holes
12/31/97	5272'-5288'	4 JSFP	64 holes
12/31/97	5312'-5316'	4 JSFP	16 holes
1/3/98	4945'-4948'	4 JSFP	12 holes
1/3/98	5025'-5034'	4 JSFP	36 holes
1/3/98	5082'-5088'	4 JSFP	24 holes
1/6/98	4569'-4580'	4 JSFP	44 holes
05/2/03	4673'-4680'	4 JSFP	28 holes
05/2/03	4204'-4208'	4 JSFP	16 holes
05/2/03	4169'-4173'	4 JSFP	16 holes
5/02/03	4160'-4164'	4 JSFP	16 holes
5/02/03	4148'-4156'	4 JSFP	32 holes



NEWFIELD

Nine Mile 10-7-9-16

2131 FSL & 1910 FEL

NW/SE Section 7-T9S-R16E

Duchesne Co, Utah

API #43-013-31773; Lease #UTU-74390

Nine Mile #2-7

Spud Date: 2-23-98
Put on Production: 3-31-98
GL: 5904' KB: ?

Initial Production: 107 BOPD,
166 MCFPD, 12 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (286') DEPTH LANDED: 287'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 4.5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (5892')
DEPTH LANDED: 5903'
HOLE SIZE: 7-7/8"
CEMENT DATA: 380 sxs Hibond mixed & 350 sxs thixotropic
CEMENT TOP AT: 126'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 167 jts (5224.67')
TUBING ANCHOR: 5236.67'
NO. OF JOINTS: 2 jts (62.47')
SN LANDED AT: 5301.94'
PERF'D SUB: (4.00')
NO. OF JOINTS: 2 jts (62.56')
TOTAL STRING LENGTH: 5370.05' w/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2", 1-4", 1-6", 1-8" x 3/4" ponys, 80- 3/4" guided rods, 90- 3/4" plain rods, 34- 3/4" guided rods, 6-1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC w/ SM plunger
STROKE LENGTH: 52"
PUMP SPEED, SPM: 4 SPM
LOGS: DIGL/SP/GR/CAL (5940'-300'), DSN/SDL/GR (5924'-3000')

FRAC JOB

3-21-98 5217'-5258' **Frac A sand as follows:**
111,300# of 20/40 sd in 560 bbls
Delta. Breakdown @ 3563 psi. Treated @
avg rate 31 bpm, avg press 2500 psi.
ISIP-2624 psi, 5-min 2449 psi. Flowback
for 3 hrs & died.

3-23-98 5109'-5118' **Frac B sand as follows:**
120,300# of 20/40 sd in 572 bbls Delta
Frac. Breakdown @ 2586 psi. Treated @
avg rate of 28.5, avg press 2000 psi.
ISIP- 2289 psi, 5-min 2146 psi.
Flowback on 12/64" ck for 4 hrs & died.

3-26-98 4806'-4883' **Frac D sand as follows:**
127,200# 20/40 sand in 595 bbls Delta.
Breakdown @ 1726 psi. Treated w/avg
press of 2135 psi, w/avg rate of 30 BPM.
ISIP-2302 psi, 5 min 2175 psi. Flowback
on 12/64" ck for 4-1/2 hrs & died.

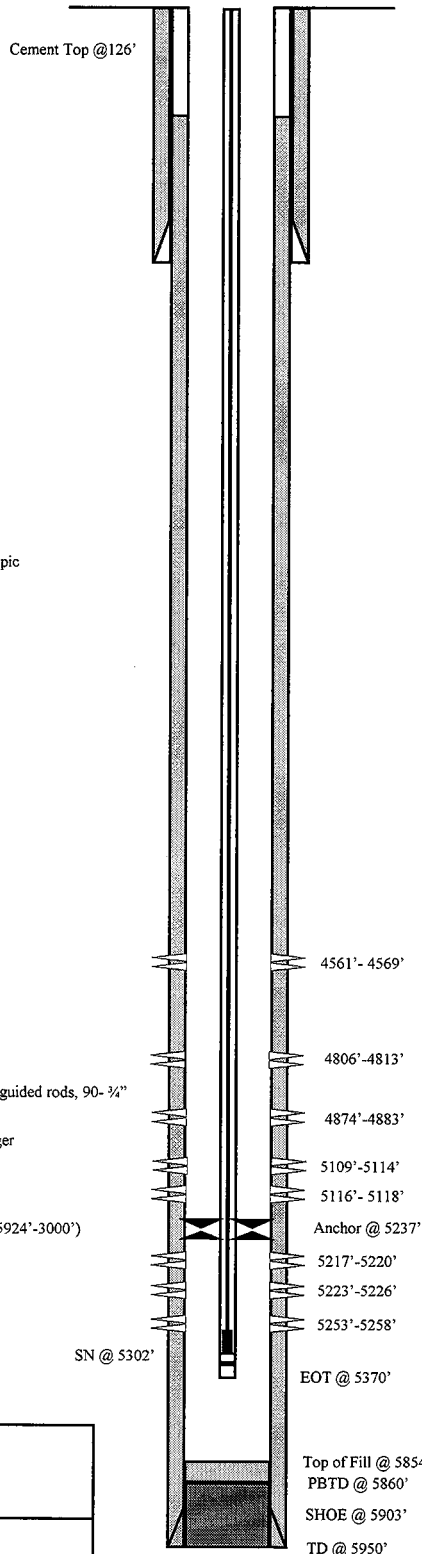
3-27-98 4561'-4569' **Frac PB sand as follows:**
81,300# 20/40 sand in 432 bbls Delta.
Breakdown @ 2395 psi. Treated w/avg
press of 2475 psi, w/avg rate of 27.1
BPM. ISIP-2654 psi, 5 min 2311 psi.
Flowback on 12/64" ck for 3-1/2 hrs &
died.

2-10-04 Pump change. Update tubing and rod
details.

6-2-05 Tubing leak. Update tubing and rod
details.

PERFORATION RECORD

3-20-98	5217'-5220'	4 JSPF	12 holes
3-20-98	5223'-5226'	4 JSPF	12 holes
3-20-98	5253'-5258'	4 JSPF	20 holes
3-22-98	5109'-5114'	4 JSPF	20 holes
3-22-98	5116'-5118'	4 JSPF	8 holes
3-25-98	4806'-4813'	4 JSPF	28 holes
3-25-98	4874'-4883'	4 JSPF	36 holes
3-27-98	4561'-4569'	4 JSPF	32 holes



NEWFIELD

Nine Mile #2-7
567 FNL 1924 FEL
NWNE Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-32011; Lease #UTU-74390

West Point Fed #I-7-9-16

Spud Date: 4/23/08

Put on Production: 6/4/08

GL: 5911' KB: 5923'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 10 jts (308.39')

DEPTH LANDED: 318.39'

HOLE SIZE: 12-1/4"

CEMENT DATA: To surface with 160 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 154 jts

DEPTH LANDED: 6342'

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sx Premilite II and 425 sx 50/50 Poz

CEMENT TOP AT: 74'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#

NO. OF JOINTS: 185 jts (5792.81')

TUBING ANCHOR: 5838.46' KB

NO. OF JOINTS: 1 jt (30.85')

SEATING NIPPLE: 2 7/8" (1.10')

SN LANDED AT: 5838.46' KB

NO. OF JOINTS: 2 jts (63.07')

TOTAL STRING LENGTH: EOT @ 5903.08

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod

SUCKER RODS: 2', 6', 8' x 7/8" pony rods, 228- 7/8" scraped rods, 4- 1 1/2" weight rods

PUMP SIZE: CDI 2 1/2" x 1 3/4" x 16' x 20' RHAC pump w/sm plunger

STROKE LENGTH: 124"

PUMP SPEED, SPM: 6

FRAC JOB

5/29/08 5833-5854' **Frac CP2 sds as follows:**
89,929# 20/40 sand in 710 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1557 psi @ ave rate of 26.2 BPM. ISIP 1932 psi.

5/29/08 5311-5327' **Frac A1 sds as follows:**
114,824# 20/40 sand in 849 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1718 psi @ ave rate of 26 BPM. ISIP 2230 psi.

5/29/08 5021-5031' **Frac C sds as follows:**
39,618# 20/40 sand in 402 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2103 psi @ ave rate of 23.2 BPM. ISIP 2228 psi.

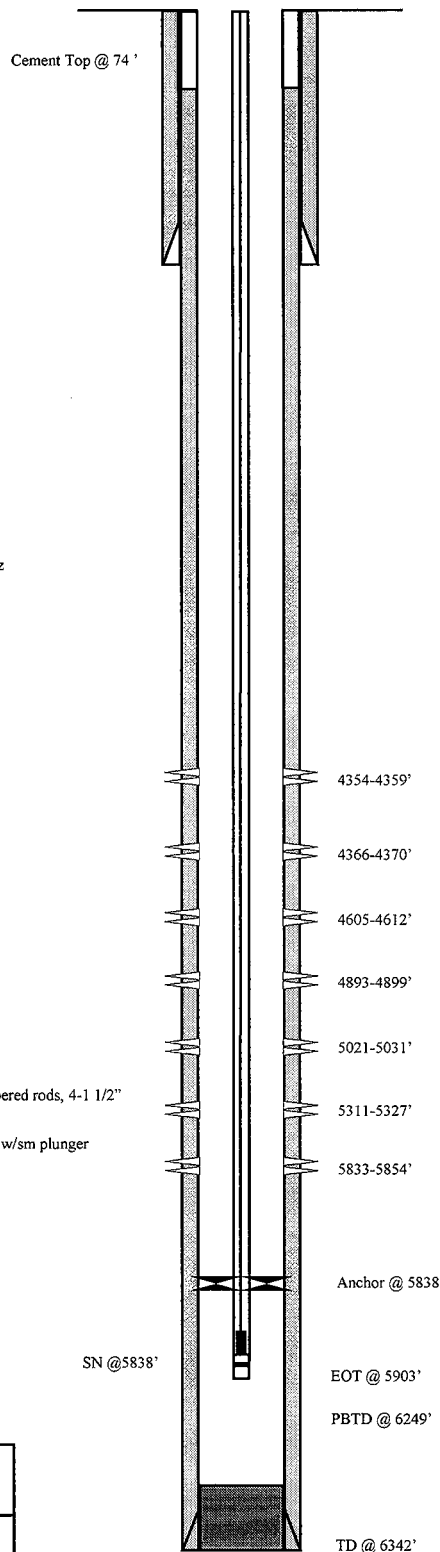
5/29/08 4893-4899' **Frac D1 sds as follows:**
15,249# 20/40 sand in 270 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2218 psi @ ave rate of 23.3 BPM. ISIP 2058 psi.

5/29/08 4605-4612' **Frac PB10 sds as follows:**
24,969# 20/40 sand in 332 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2390 psi @ ave rate of 23.1 BPM. ISIP 2070 psi.

5/29/08 4366-4370' **Frac GB4 sds as follows:**
31,417# 20/40 sand in 374 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2111 psi @ ave rate of 23.2 BPM. ISIP 2070 psi.

PERFORATION RECORD

4354-4359'	4 JSPF	20 holes
4366-4370'	4 JSPF	16 holes
4605-4612'	4 JSPF	28 holes
4893-4899'	4 JSPF	24 holes
5021-5031'	4 JSPF	40 holes
5311-5327'	4 JSPF	64 holes
5833-5854'	4 JSPF	84 holes

**NEWFIELD**

West Point Fed #I-7-9-16
551' FNL & 1910' FEL
NW/NE Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-33710; Lease #UTU-74390

West Point Fed #J-7-9-16

Spud Date: 6-26-08

Put on Production: 8-1-08

GL:5905' KB:5917'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (311.45')

DEPTH LANDED: 323.3'

HOLE SIZE: 12-1/4"

CEMENT DATA: To surface with 160 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 154 jts

DEPTH LANDED: 6331.75'

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sx Premilite II and 425 sx 50/50 Poz

CEMENT TOP AT: 36'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#

NO. OF JOINTS: 126 jts (5750.92')

TUBING ANCHOR: 5762.92' KB

NO. OF JOINTS: 2 jts (61.65')

SEATING NIPPLE: 2 7/8" (1.10')

SN LANDED AT: 5827.37' KB

NO. OF JOINTS: 1 jt (30.84')

TOTAL STRING LENGTH: EOT @ 5987.80

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod

SUCKER RODS: 4', 2' X 7/8" pony rods, 228- 7/8" guided rods, 4- 1-1/2" K-bars

PUMP SIZE: CDI 2 1/2" x 1 3/4" x 16' x 20' CDI RHAC

STROKE LENGTH: 122"

PUMP SPEED, SPM: 4.5

FRAC JOB

7/24/08 6210-6220'

RU BJ & frac BS sds as follows:

41,802# 20/40 sand in 479 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 290 w/ ave rate of 26.1 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2719. Actual flush: 5766 gals.

7/25/08 6128-6146'

RU BJ & frac stage #2 as follows:

60,567# 20/40 sand in 539 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1879 w/ ave rate of 23.3 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2025. Actual flush: 5661 gals.

7/26/08 5796-5800'

RU BJ & frac stage #3 as follows:

49,931# 20/40 sand in 472 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1883 w/ ave rate of 23.1 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2032. Actual flush: 5350 gals.

5/29/08 5506-5518'

RU BJ & frac stage #4 as follows:

70,562# 20/40 sand in 590 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2471 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2252. Actual flush: 4998 gals.

7/26/08 4890-4900'

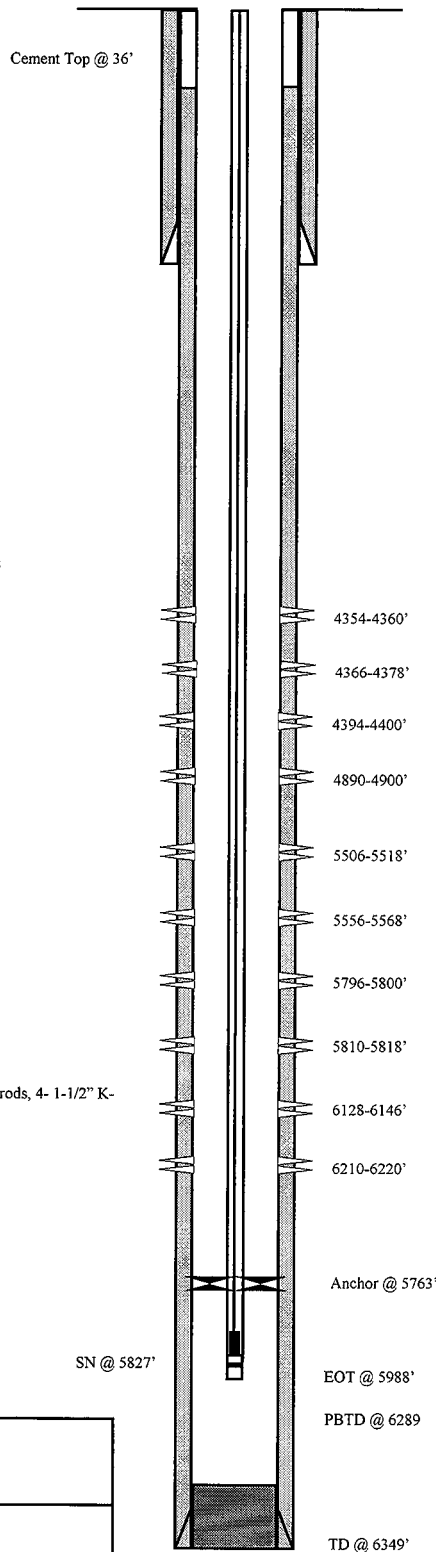
RU BJ & frac stage #5 as follows:

70,056# 20/40 sand in 570 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1987 w/ ave rate of 23.1 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2066. Actual flush: 4426 gals.

7/26/08 4354-4360'

RU BJ & frac stage #6 as follows:

76,919# 20/40 sand in 631 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1865 w/ ave rate of 25 bpm w/ 8 ppg of sand. ISIP was 1942. Actual flush: 4351 gals.

PERFORATION RECORD

4354-4360'	4 JSPF	24 holes
4366-4378'	4 JSPF	48 holes
4394-4400'	4 JSPF	24 holes
4890-4900'	4 JSPF	40 holes
5506-5518'	4 JSPF	48 holes
5556-5568'	4 JSPF	48 holes
5796-5800'	4 JSPF	16 holes
5810-5818'	4 JSPF	32 holes
6128-6146'	4 JSPF	72 holes
6210-6220'	4 JSPF	40 holes

NEWFIELD

West Point Fed #J-7-9-16
 2068' FNL & 757' FEL
 SE/NE Section 7-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33710; Lease #UTU-74390

Nine Mile #6-7-9-16

Spud Date: 11/10/97
Put on Production: 4/14/03
GL: 5960' KB: 5972'

Initial Production: 128 BOPD,
128 MCFPD, 10 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (283.47')
DEPTH LANDED: 284.14' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 7 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5897.53')
DEPTH LANDED: 5908.49'
HOLE SIZE: 7-7/8"
CEMENT DATA: 405 sxs Hibond mixed & 345 sxs thixotropic
CEMENT TOP AT: 170'

TUBING

SIZE/GRADE/WT: 2 7/8" / M-50 / 6.5#
NO. OF JOINTS: 181 jts (5628.41')
TUBING ANCHOR: 5640.41' KB
NO. OF JOINTS: 1 jt (31.41')
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 5674.58' KB
NO. OF JOINTS: 2 jts (62.83')
TOTAL STRING LENGTH: EOT @ 5739' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22' SM
SUCKER RODS: 6-1 1/2" weight rods, 14-3/4" scraped rods, 111-3/4" plain rods, 95-3/4" scraped rods, 1-8' x 3/4" pony rods.
PUMP SIZE: 2 1/2" x 1 1/2" x 15.5' RHAC
STROKE LENGTH: 52"
PUMP SPEED, SPM: 7 SPM
LOGS: DIGL/SP/GR/CAL (5914'-295')
DSN/SDL/GR (5888'-3000')

FRAC JOB

12/22/97 5708'-5757' **Frac CP sand as follows:**
127,200# of 20/40 sd in 621 bbls Boragel.
Treated @ avg rate 31.2 bpm, avg press 1700 psi. ISIP 2300 psi. Calc. Flush: 5708 gal. Actual flush: 5955 gal.

12/24/97 4928'-4976' **Frac C sand as follows:**
111,400# of 20/40 sd in 544 bbls Delta Frac.
Treated @ avg rate of 28 BPM, avg press 1700 psi. ISIP 1873 psi. Calc. Flush: 4928 gal. Actual flush: 4838 gal.

12/30/97 4799'-4824' **Frac D sand as follows:**
124,300# 20/40 sand in 574 bbls Delta Frac.
Treated w/avg press of 1690 psi w/avg rate of 28.2 BPM. ISIP 2235 psi. Calc. Flush: 4799 gal. Actual flush: 4695 gal.

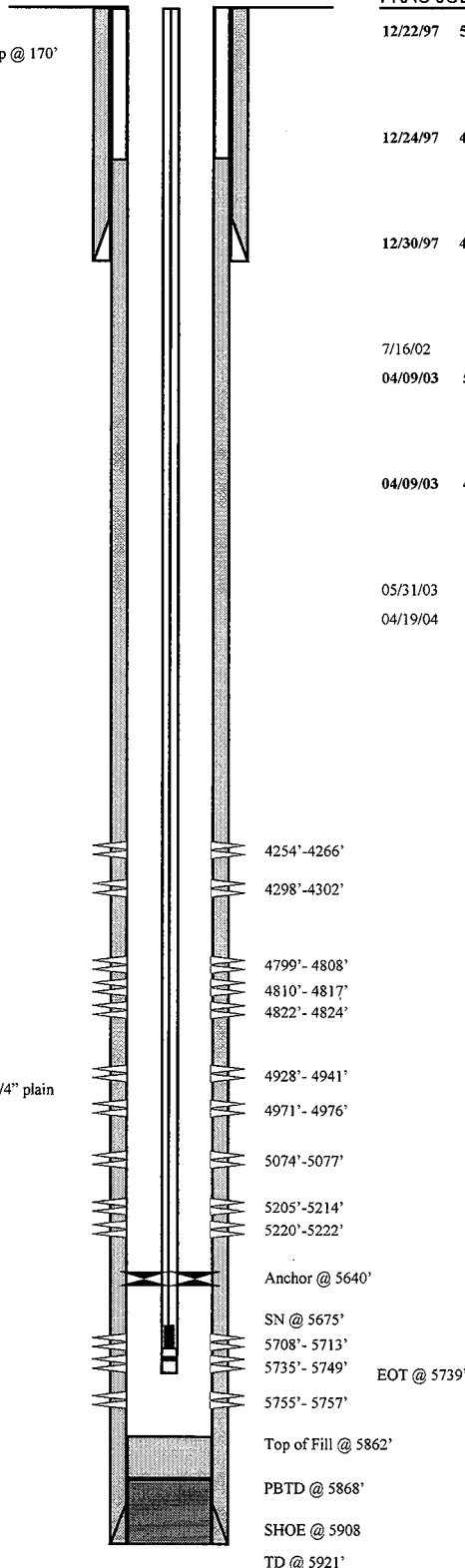
7/16/02 Tubing leak. Update rod and tubing details.

04/09/03 5074'-5222' **Frac B2 & A1 sands as follows:**
48,894# 20/40 sand in 393 bbls Viking I-25 fluid. Treated @ avg. press of 4000 psi with avg. rate of 18.2 BPM. ISIP 1960 psi. Calc. Flush: 1,315 gal. Actual flush: 1218 gal.

04/09/03 4254'-4302' **Frac GB sands as follows:**
68,104# 20/40 sand in 516 bbls Viking I-25 fluid. Treated @ avg. press of 2140 psi with avg. rate of 26.8 BPM. ISIP 2130 psi. Calc. flush: 4253 gal. Actual flush: 4158 gal.

05/31/03 Stuck Pump. Update rod detail.

04/19/04 Pump Change.

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
12/19/97	5708'-5713'	4 JSPF	20 holes
12/19/97	5735'-5749'	4 JSPF	56 holes
12/19/97	5755'-5757'	4 JSPF	8 holes
12/23/97	4928'-4941'	4 JSPF	52 holes
12/23/97	4971'-4976'	4 JSPF	20 holes
12/29/97	4799'-4808'	4 JSPF	36 holes
12/29/97	4810'-4817'	4 JSPF	28 holes
12/29/97	4822'-4824'	4 JSPF	8 holes
04/07/03	4254'-4266'	4 JSPF	48 holes
04/07/03	4298'-4302'	4 JSPF	16 holes
04/07/03	5074'-5077'	4 JSPF	12 holes
04/07/03	5205'-5214'	4 JSPF	36 holes
04/07/03	5220'-5222'	4 JSPF	8 holes



Nine Mile #6-7
2036 FNL & 2070 FWL
SE/NW Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-31776; Lease #UTU-74390

Nine Mile 7-7-9-16

Spud Date: 11/20/97
Put on Production: 1/12/98
GL: 5929' KB: 5941'

Initial Production: 241 BOPD,
211 MCFPD, 8 BWPD

SURFACE CASING

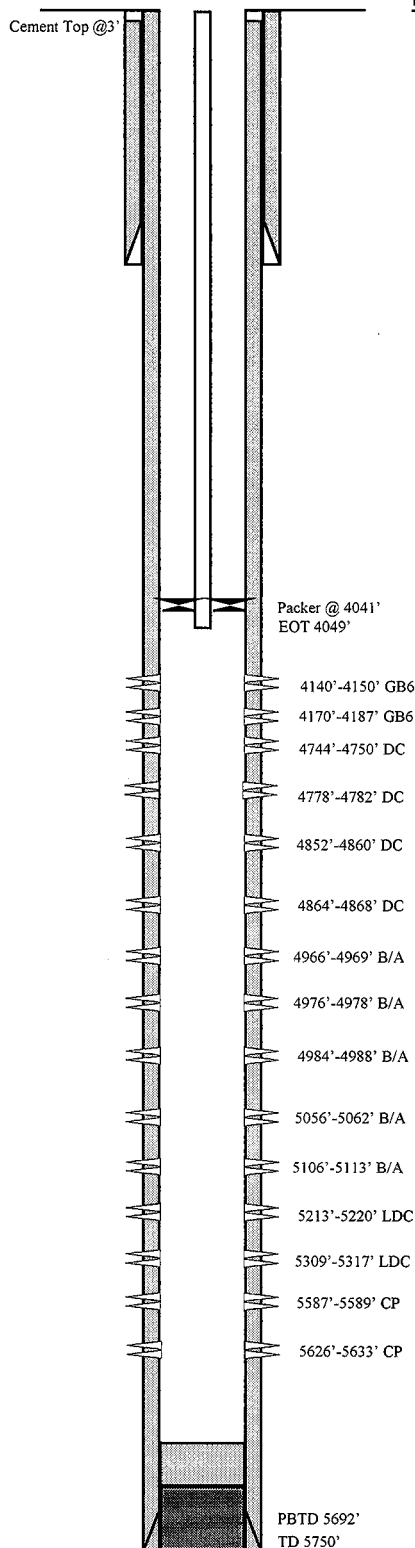
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 288'
DEPTH LANDED: 298'
HOLE SIZE: 12-1/4"
CEMENT DATA: 350 sxs Premium cmt, est 6 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts. (5728')
DEPTH LANDED: 5739'
HOLE SIZE: 7-7/8"
CEMENT DATA: 370 sxs Hibond mixed & 320 sxs thixotropic
CEMENT TOP AT: 3' below ground level

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 129 jts (4030.77')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4040.77 KB
TUBING PACKER: 4041.87'
TOTAL STRING LENGTH: EOT @ 4049.18'

Injection Wellbore
DiagramFRAC JOB

12/30/97 5587'-5633' **Frac CP sand as follows:**
104,300# of 20/40 sd in 518 bbls
Delta Frac. Treated @ avg rate 28.5 bpm,
avg press 1550 psi. Breakdown @ 2735
psi. ISIP-2058 psi, 5-min 1809 psi.
Flowback for 3-1/2 hrs & died.

1/1/98 5213'-5317' **Frac LDC sand as follows:** 104,300#
of 20/40 sd in 521 bbls Delta Frac.
Breakdown @ 2521 psi. Treated @ avg
rate of 30.1 BPM, avg press 2225 psi.
ISIP-2339 psi, 5-min 2228 psi. Flowback
on 12/64" ck for 4 hrs & died.

1/6/98 4966'-5113' **Frac B/A sands as follows:**
118,400# 20/40 sand in 585 bbls Delta
Frac. Breakdown @ 1585 psi. Treated
w/avg press of 1890 psi w/avg rate of
34.5 BPM. ISIP - 1964 psi, 5 min 1857
psi. Flowback on 12/64" ck for 2 hrs &
died.

1/9/98 4744'-4868' **Frac D/C sands as follows:**
1048,300# 20/40 sand in 502 bbls of
Delta Frac. Breakdown @ 2414 psi.
Treated @ avg press of 1850 psi w/avg
rate of 32.3 BPM. ISIP-2084 psi, 5 min
1937 psi. Flowback on 12/64" ck for 2-
1/2 hrs & died.

12/6/01 **Open new perfs. Break perf down.**
12/7/01 **Convert to injector.**
11/21/06 **5 Year MIT completed on 11/15/06 and
submitted on 11/21/06.**

PERFORATION RECORD

12/24/97	5587'-5589'	4 JSPF	8 holes
12/24/97	5626'-5633'	4 JSPF	28 holes
12/31/97	5213'-5220'	4 JSPF	28 holes
12/31/97	5309'-5317'	4 JSPF	32 holes
01/04/98	4966'-4969'	4 JSPF	12 holes
01/04/98	4976'-4978'	4 JSPF	8 holes
01/04/98	4984'-4988'	4 JSPF	16 holes
01/04/98	5056'-5062'	4 JSPF	24 holes
01/04/98	5106'-5113'	4 JSPF	28 holes
01/08/98	4744'-4750'	4 JSPF	24 holes
01/08/98	4778'-4782'	4 JSPF	16 holes
01/08/98	4852'-4860'	4 JSPF	32 holes
01/08/98	4864'-4868'	4 JSPF	16 holes
12/06/01	4170'-4187'	4 JSPF	68 holes
12/06/01	4140'-4150'	4 JSPF	40 holes

NEWFIELD

Nine Mile 7-7-9-16
2048' FNL & 1769' FEL
SWNE Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-31778; Lease #U-74390

West Point #8-7-9-16

Spud Date: 3/24/2001
Put on Production: 5/01/2001
GL: 5901' KB: 55911'

Initial Production: 159.6 BOPD,
179 MCFD, 48.4 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (306.35')
HOLE SIZE: 12-1/4"
CEMENT DATA: 145 sxs Class "G" cmt,

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141 jts. (5984.80')
DEPTH LANDED: 5980.40'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 251'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 172 jts (5554.03')
TUBING ANCHOR: 5573.13'
NO. OF JOINTS: 3 jts (96.96')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5671.19'
NO. OF JOINTS: 2 jts (62.86')
TOTAL STRING LENGTH: EOT @ 5734.50' KB

SUCKER RODS


POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 1-4', 1-2' x 3/4" pony rods, 101-3/4" guided rods, 82-3/4" slick rods, 38-3/4" guided rods, 6-1 1/2" weight rods
PUMP SIZE: 2 1/2" x 1 1/2" x 12 x 15 1/2" RHAC w/ SM Plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4
LOGS: Dual Lateralog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOBS

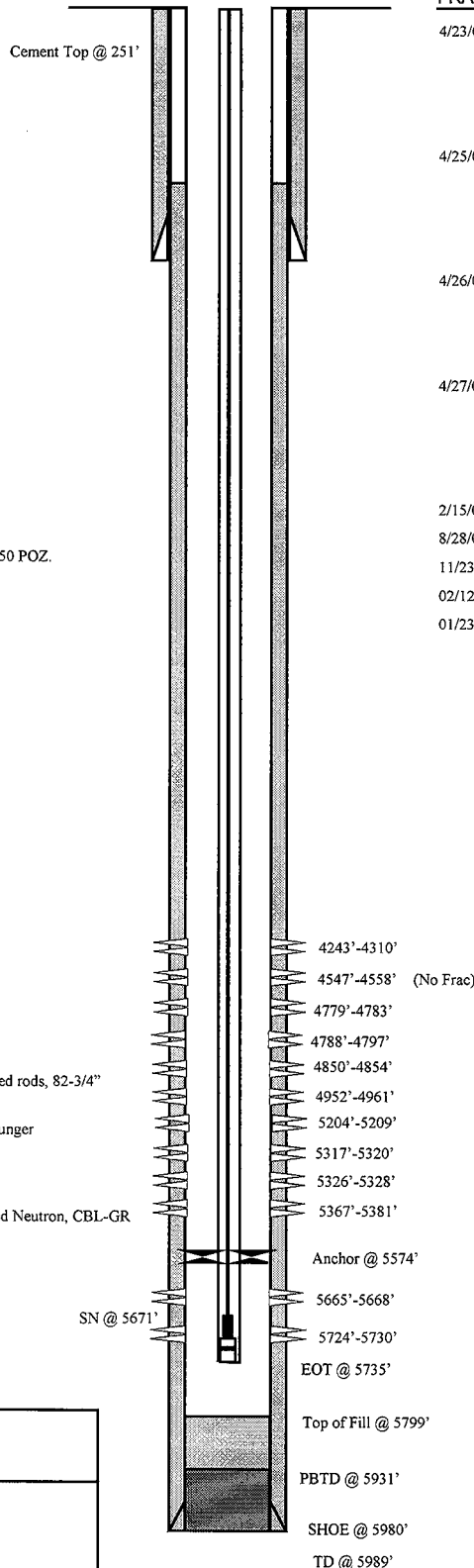
4/23/01 5668'-5730' **Frac CP-2 sands as follows:**
31,133# 20/40 sand in 327 bbls Viking 1-25 Fluid. Treated @ avg press of 1800 psi w/ avg rate of 30 BPM. ISIP 1840 psi. Flow back on 12/64 choke for 2 hrs & died.
4/25/01 5204'-5381' **Frac A/LODC sands as follows:**
48,733# 20/40 sand in 414 bbls Viking 1-25 Fluid. Treated @ avg press of 2080 psi w/ avg rate of 29.7 BPM. ISIP 2160 psi. Flow back on 12/64 choke for 2.5 hrs & died.
4/26/01 4779'-4961' **Frac C, D sands as follows:**
101,150# 20/40 sand in 694 bbls Viking 1-25 Fluid. Treated @ avg press of 1760 psi w/ avg rate of 30.4 BPM. ISIP 2040 psi.
4/27/01 4243'-10' **Frac GB-4, GB-6 sands as follows:**
185,360# 20/40 sand in 1209 bbls Viking 1-25 Fluid. Treated @ avg press of 1650 psi w/ avg rate of 30.2 BPM. ISIP 1890 psi. Flow back on 12/64 choke for 6 hrs & died.
2/15/02 Stuck pump. Update rod and tubing details.
8/28/02 Tubing leak. Update rod and tubing details.
11/23/04 Parted rods. Update rod detail.
02/12/05 Parted rods. Update rod detail.
01/23/07 Tubing Leak. Update rod and tubing details.

PERFORATION RECORD

Date	Interval	Tool	Holes
4/23/01	5724'-5730'	4 JSPF	24 holes
4/23/01	5665'-5668'	4 JSPF	12 holes
4/25/01	5367'-5381'	4 JSPF	56 holes
4/25/01	5326'-5328'	4 JSPF	08 holes
4/25/01	5317'-5320'	4 JSPF	12 holes
4/25/01	5204'-5209'	4 JSPF	20 holes
4/26/01	4952'-4961'	4 JSPF	36 holes
4/26/01	4850'-4854'	4 JSPF	16 holes
4/26/01	4788'-4797'	4 JSPF	36 holes
4/26/01	4779'-4783'	4 JSPF	16 holes
4/27/01	4547'-4558'	4 JSPF	44 holes
4/27/01	4243'-4310'	4 JSPF	188 holes



West Point #8-7-9-16
2081 FNL & 771 FEL
SE/NE Sec. 7, T9S R16E
Duchesne, County
API# 43-013-32211; Lease# UTU-74390



West Point Fed #N-7-9-16

Spud Date: 4/22/08

Put on Production: 5/29/08

GL: 6017' KB: 6029'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (308.94')

DEPTH LANDED: 319'

HOLE SIZE: 12-1/4"

CEMENT DATA: To surface with 160 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 155 jts

DEPTH LANDED: 6351'

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sx Premlite II and 425 sx 50/50 Poz

CEMENT TOP AT: 50'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#

NO. OF JOINTS: 185 jts (5794.23')

TUBING ANCHOR: 5806.23' KB

NO. OF JOINTS: 1 jt (31.36')

SEATING NIPPLE: 2 7/8" (1.10')

SN LANDED AT: 5840.39' KB

NO. OF JOINTS: 2 jts (63.17')

TOTAL STRING LENGTH: EOT @ 5905.11' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod

SUCKER RODS: 2', 4', x 7/8" pony rods, 229- 7/8" scraped rods, 4-1 1/2" weight rods

PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 20" RHAC pump w/sm plunger

STROKE LENGTH: 96"

PUMP SPEED, SPM: 6

FRAC JOB

5/21/08 5836-5845' RU BJ & frac CPI sds as follows:
30,088# 20/40 sand in 411 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2238 w/ ave rate of 23.3 bpm w/ 6.5 ppg of sand. ISIP was 2100. Actual Flush: 5334 gals.

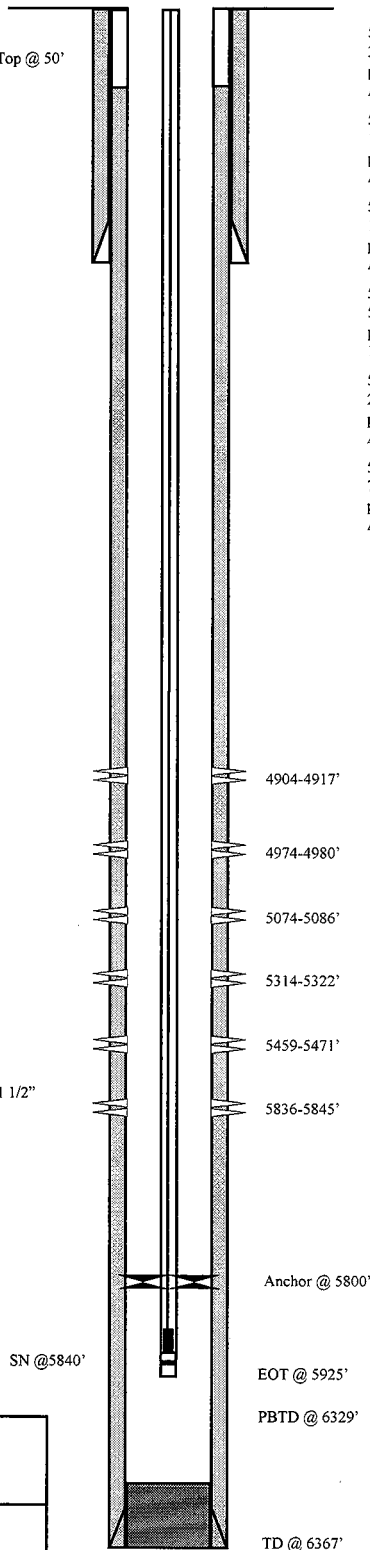
5/21/08 5459-5471' RU BJ & frac stage #2 as follows:
14,814# 20/40 sand in 284 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2177 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 1955. Actual Flush: 4998 gals.

5/21/08 6314-5322' RU BJ & frac stage #3 as follows:
19,919# 20/40 sand in 317 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2177 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 2015. Actual Flush: 4830 gals.

5/22/08 5074'-5086' RU BJ & frac stage #4 as follows:
55,473# 20/40 sand in 500 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1797 w/ ave rate of 23.4 bpm w/ 8 ppg of sand. ISIP was 1865. Actual Flush: 4620 gals.

5/22/08 4974-4980' RU BJ & frac stage #5 as follows:
20,062# 20/40 sand in 314 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2251 w/ ave rate of 25.8 bpm w/ 6.5 ppg of sand. ISIP was 2010. Actual Flush: 4494 gals.

5/22/08 4904-4917' RU BJ & frac stage #6 as follows:
72,392# 20/40 sand in 600 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2401 w/ ave rate of 23.4 bpm w/ 8 ppg of sand. ISIP was 2320. Actual Flush: 4872 gals.

PERFORATION RECORD

5/22/08	4904-4917'	4 JSPF	52 holes
5/22/08	4974-4980'	4 JSPF	24 holes
5/22/08	5074-5086'	4 JSPF	48 holes
5/21/08	5314-5322'	4 JSPF	32 holes
5/21/08	5459-5471'	4 JSPF	48 holes
5/21/08	5836-5845'	4 JSPF	36 holes



West Point Fed #N-7-9-16
2002' FSL & 594' FWL
NW/SW Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-33711; Lease #UTU-74390

West Point Federal M-7-9-16

Spud Date: 8/25/08
Put on Production: 10/21/08
GL: 5959' KB: 5971'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (334.43')
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 162 jts. (6279.20')
HOLE SIZE: 7-7/8"
TOTAL DEPTH: 6300'
CEMENT DATA: 350 sk Prem. Lite II mixed & 475 sxs 50/50 POZ.
CEMENT TOP AT: 0'

TUBING

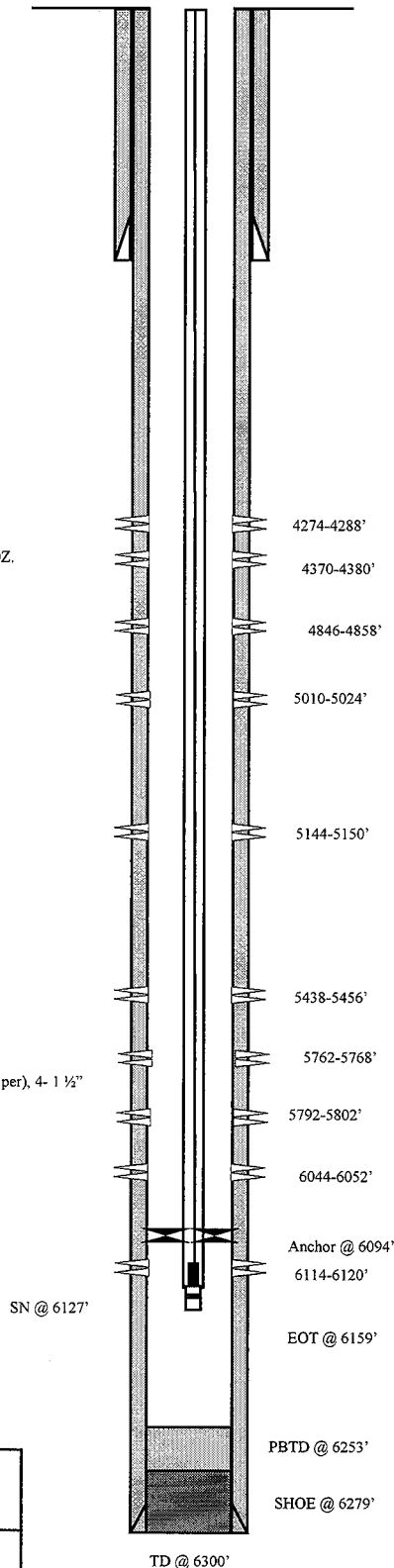
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 198 jts (6082.09')
TUBING ANCHOR: 6094.09'
NO. OF JOINTS: 1 jts (30.30')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6127.19' KB
NO. OF JOINTS: 1 jts (30.70')
TOTAL STRING LENGTH: EOT @ 6159.44'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 1- 4' x 7/8" pony rods, 240- 7/8" guided rods (8 per), 4- 1 1/2" weight rods
PUMP SIZE: 2-1/2" x 1-3/4" x 21' RHAC pump
STROKE LENGTH: 122"
PUMP SPEED, SPM: 5

FRAC JOB

10/13/08	6044-6052'	Frac CP.5 sands as follows: Frac with 24982 #'s of 20/40 sand in 384 bbls Lightning 17 fluid. Treat at an ave pressure of 2036 psi @ 23.2 BPM. ISIP 1919 psi.
10/13/08	5762-5802'	Frac CP1 & CP2 sands as follows: Frac with 44978 #'s of 20/40 sand in 452 bbls Lightning 17 fluid. Treat at an ave pressure 1600 psi @ 23.2 BPM. ISIP 1926 psi.
10/13/08	5438-5456'	Frac LODC sands as follows: Frac with 60003 #'s of 20/40 sand in 517 bbls Lightning 17 fluid. Treat at an ave pressure of 2353 psi @ 23.1 BPM. ISIP 2837 psi.
10/13/08	5144-5150'	Frac B2 sands as follows: Frac with 19858 #'s of 20/40 sand in 353 bbls Lightning 17 fluid. Treat at an ave pressure of 2301 psi @ 23 BPM. ISIP 1931 psi.
10/14/08	5010-5024'	Frac C sands as follows: Frac with 40196 #'s of 20/40 sand in 403 bbls Lightning 17 fluid. Treat at an ave pressure of 2140 psi @ 23.1 BPM. ISIP 2126 psi.
10/14/08	4846-4858'	Frac D1 sands as follows: Frac with 35141 #'s of 20/40 sand in 368 bbls Lightning 17 fluid. Treat at an ave pressure of 1966 psi @ 23.2 BPM. ISIP 2070 psi.
10/14/08	4370-4380'	Frac GB6 sands as follows: Frac with 29564 #'s of 20/40 sand in 378 bbls Lightning 17 fluid. Treat at an ave pressure of 2016 psi @ 23.1 BPM. ISIP 1922 psi.
10/14/08	4274-4288'	Frac GB4 sands as follows: Frac with 46855 #'s of 20/40 sand in 427 bbls Lightning 17 fluid. Treat at an ave pressure of 2018 psi @ 23.2 BPM. ISIP 2065 psi.

PERFORATION RECORD

4274-4288'	4 JSPF	56 holes
4370-4380'	4 JSPF	40 holes
4846-4858'	4 JSPF	48 holes
5010-5024'	4 JSPF	56 holes
5144-5150'	4 JSPF	24 holes
5438-5456'	4 JSPF	72 holes
5762-5768'	4 JSPF	24 holes
5792-5802'	4 JSPF	40 holes
6044-6052'	4 JSPF	32 holes
6114-6120'	4 JSPF	24 holes

NEWFIELD

West Point Federal M-7-9-16
2040' FNL & 2054' FWL
SENW Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-33984; UTU-74390

Nine Mile #12-7-9-16

Spud Date: 3-16-98

Put on Production: 4/24/98

GL: 6013' KB: 6025'

Initial Production: 123 BOPD,
169 MCFPD, 4 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts

DEPTH LANDED: 304'

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sks Premium cmt, est 6 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 140 jts. (5930')

DEPTH LANDED: 5942.18'

HOLE SIZE: 7-7/8"

CEMENT DATA: 380 sks Hibond mixed & 320 sks thixotropic

CEMENT TOP AT: 190'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 183 jts (5680.73')

TUBING ANCHOR: 5692.73'

NO. OF JOINTS: 1 jts (30.22')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5725.75' KB

NO. OF JOINTS: 2 jts Gas anchor (61.70')

TOTAL STRING LENGTH: EOT @ 5789.00'

SUCKER RODS

POLISHED ROD: 1-1 1/2" x 22' SM

SUCKER RODS: 6-1 1/2" weight bars; 23-3/4" scraped rods; 106-3/4" plain rods, 93-3/4" scraped rods, 4', 4', 4', 2', 2', x 3/4" pony rods.

PUMP SIZE: 2 1/2" x 1 1/2" x 12' x 14.5 RHAC

STROKE LENGTH: 74"

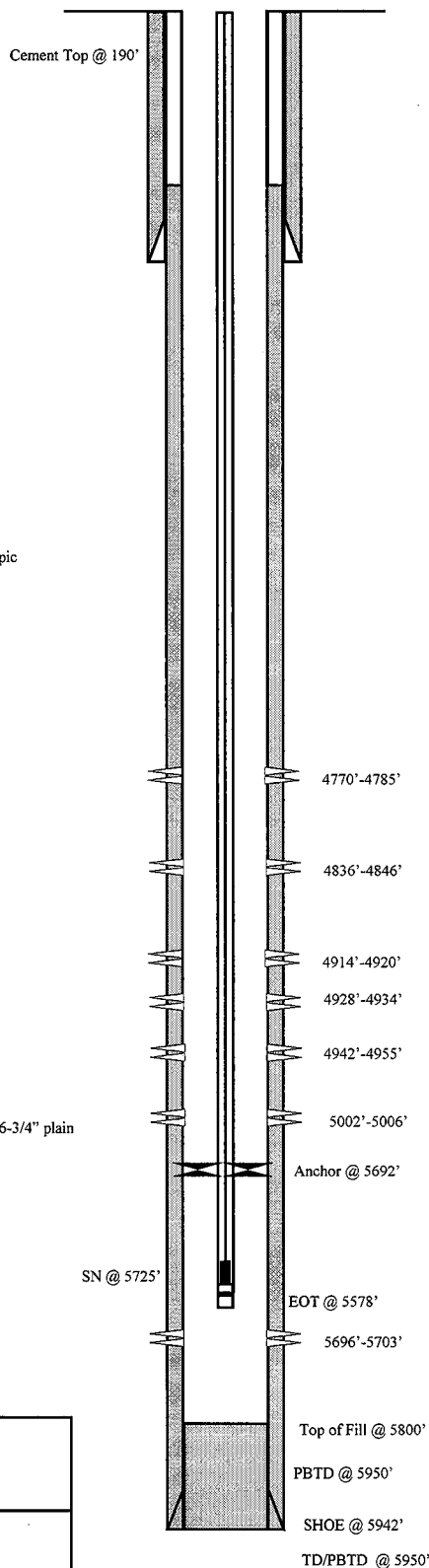
PUMP SPEED, SPM: 5 SPM

FRAC JOB

4/15/98	5696'-5703'	Frac CP sand as follows: 120,300# of 20/40 sd in 598 bbls Delta Gel. Treated @ avg press 2140 psi. & avg rate 28 bpm, ISIP 2542 psi. Flowback for 4.5 hrs & died.
4/16/98	4914'-5006'	Frac C/B sands as follows: 92,400# of 20/40 sd in 468 bbls Delta Gel. Treated @ avg press 1350 psi. & avg rate 28.1 bpm, ISIP 2564 psi. Flowback for 2.5 hrs & died.
4/20/98	4770'-4846'	Frac D sand as follows: 115,300# of 20/40 sd in 534 bbls Delta Gel. Treated @ avg press 2400 psi. & avg rate 32 bpm, ISIP 3233 psi. Flowback for 2.5 hrs & died.
1/31/02		Pump change. Update rod and tubing details.
4/05/02		Pump change. Update rod and tubing details.
7/31/03		Pump change. Update rod detail.
03/01/06		Pump Change. Update rod and tubing details.

PERFORATION RECORD

4/15/98	5696'-5703'	4 JSPF	28 holes
4/16/98	5002'-5006'	4 JSPF	16 holes
4/16/98	4942'-4955'	4 JSPF	52 holes
4/16/98	4928'-4934'	4 JSPF	24 holes
4/16/98	4914'-4920'	4 JSPF	24 holes
4/18/98	4836'-4846'	4 JSPF	90 holes
4/18/98	4770'-4785'	4 JSPF	60 holes

**NEWFIELD**

Nine Mile #12-7-9-16
1980 FSL & 594 FWL
NWSW Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-32014; Lease #UTU-74390

Spud Date: 10/16/96
 Put on Production: 11/19/96
 Put on Injection: 4/4/00
 GL: 5986' KB: 5996'

Monument Federal 23-7-9-16Y

Initial Production: ? BOPD, ?
 MCFPD, ? BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 DEPTH LANDED: 288'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: ?

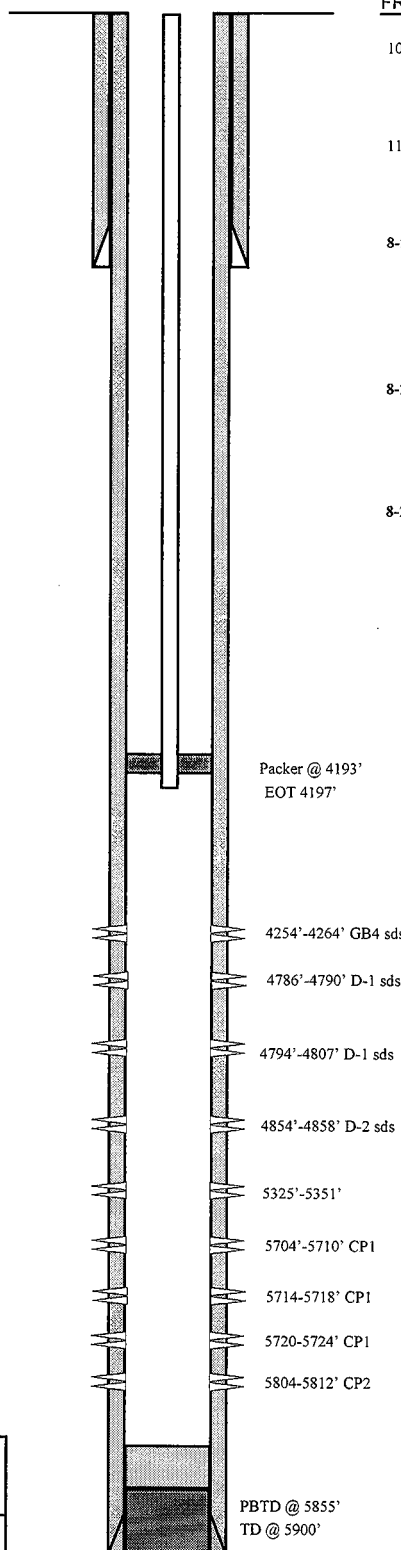
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (5868.42')
 DEPTH LANDED: 5878.42'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx Super "G" & 340 sx 50/50 Poz

TUBING

SIZE/GRADE/WT.: 2-7/8" 6.5 J-55
 NO. OF JOINTS: 135 jts. (4178.11' KB)
 SN LANDED AT: 4188.11' KB
 ARROWSET PACKER: 4192.51' KB
 TOTAL STRING LENGTH: 4196.61' KB

Injection Wellbore Diagram



FRAC JOB

10-30-96 5325'-5351' **Frac as follows:**
 23,200# 20/40 & 57,880# 16/30 sand in 535
 bbls 2% KCL. ATP- 2790 psi, ATR-32 BPM.
 ISIP- 2660 psi, 5 min 2120 psi.

11-04-96 4786'-4858' **Frac as follows:**
 56,000# 16/30 sand in 483 bbls 2% KCL.
 ATP-2350 psi, ATR-32.9 BPM. ISIP-2500
 psi, 5 min 1760 psi.

8-26-05 5704-5812' **Frac CP2 & CP1 sand as follows:**
 18892#'s 20/40 sand in 190 bbls Lightning
 17 frac fluid. Treated @ ave. pressure of
 2521 psi w/ave rate of 14.2 BPM. ISIP 1500
 psi. Calc flush: 1457.40 gal. Actual flush:
 1344 gals.

8-26-05 4254-4264' **Frac GB4 sand as follows:**
 14698#'s 20/40 sand in 152 bbls Lightning 17
 frac fluid. Treated @ ave pressure of 2700 psi
 w/ave rate of 14.2 BPM. ISIP 1500 psi. Calc.
 Flush: 1092 gals. Actual Flush: 966 gals.

8-29-05 **MIT completed.**

PERFORATION RECORD

Date	Depth Range	Tool	Holes
10-29-96	5325'-5351'	2 JSPF	52 holes
11-01-96	4786'-4790'	4 JSPF	16 holes
11-01-96	4794'-4807'	4 JSPF	52 holes
11-01-96	4854'-4858'	4 JSPF	16 holes
8-25-05	5804-5812'	4 JSPF	32 holes
8-25-05	5720-5724'	4 JSPF	16 holes
8-25-05	5714-5718'	4 JSPF	16 holes
8-25-05	5704-5710'	4 JSPF	24 holes
8-25-05	4254-4265'	4 JSPF	40 holes

NEWFIELD

Monument Federal 23-7-9-16Y

2259' FSL & 2020' FWL

NESW Section 7-T9S-R16E

Duchesne Co, Utah

API #43-013-31694; Lease #U-74390

West Point #9-7-9-16

Spud Date: 3/20/01
Put on Production: 4/21/01
GL: 5963' KB: 5973'

Initial Production: 73.2 BOPD,
130.5 MCFD, 87.8 BWPD

SURFACE CASING

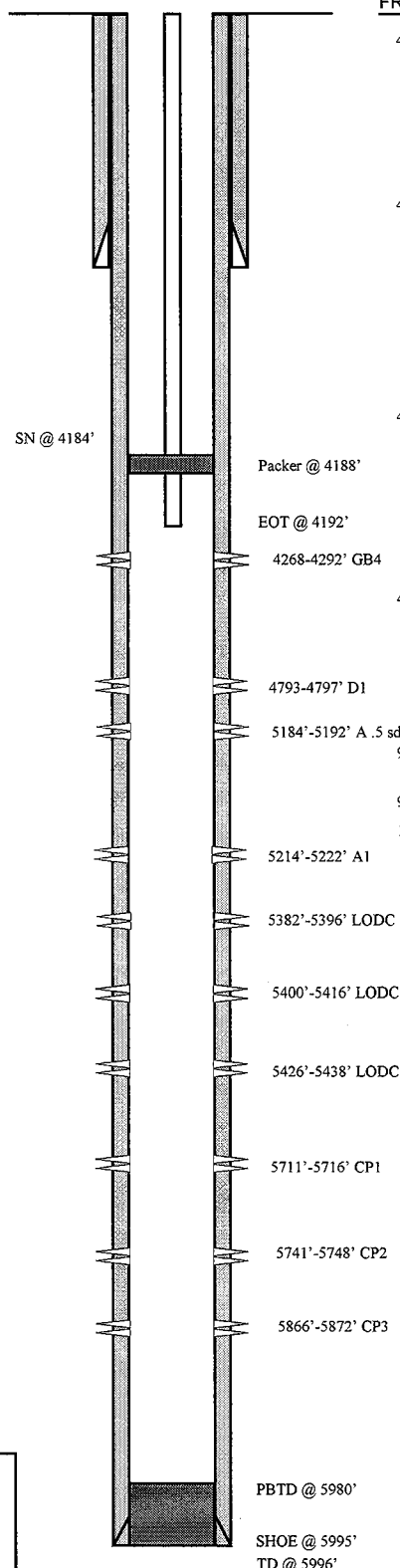
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (295.92')
DEPTH LANDED: 304.92'
HOLE SIZE: 12-1/4"
CEMENT DATA: 145 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 142 jts. (5999.75')
DEPTH LANDED: 5995.35'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: ? per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 129 jts (4183.29')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4184.39'
PACKER: 4187.60'
TOTAL STRING LENGTH: EOT @ 4191.70'

Injection Wellbore
DiagramFRAC JOB

4/16/01 5711-16'
5741-48'
5866-72' **Frac CP sand as follows:**
59,200# 20/40 sand in 252 bbls Viking I-25 fluid. Perfs broke down @ 2190 psi. Treated @ avg press of 1680 psi w/avg rate of 30 BPM. ISIP 2000 psi.

4/16/01 5382-96'
5400-16'
5426-38' **Frac LODC sand as follows:**
Set plug at 5460'.
161,500# 20/40 sand in 678 bbls Viking I-25 fluid. Perfs broke down @ 4200 psi. Treated @ avg press of 2700 psi w/avg rate of 30 BPM. ISIP 2710 psi, flow back on 12/64 choke @ 1 BPM.

4/17/01 5214-22'
5184-92' **Frac A sands as follows:**
Set plug @ 5306'.
Frac with 53,000# 20/40 sand in 436 bbls Viking I-25 fluid. Perfs broke down @ 3031 psi. Treated @ avg press of 1900 psi w/avg rate of 29.5 BPM. ISIP 2340 psi.

4/18/01 4268-92' **Frac GB-4 sands as follows:**
Set plug @ 4326'.
Frac with 100,500# 20/40 sand in 621 bbls Viking I-25 fluid. Perfs broke down @ 2204 psi. Treated @ avg press of 1780 psi w/avg rate of 29.9 BPM. ISIP 2050 psi.

9/2/02 Set packer. Waiting on permission to inject.
9/15/02 Start Injecting
10/10/07 5 Year MIT completed and submitted.

PERFORATION RECORD

4/16/01	5866'-5872'	4 JSPF	24 holes
4/16/01	5741'-5748'	4 JSPF	28 holes
4/16/01	5711'-5716'	4 JSPF	20 holes
4/16/01	5426'-5438'	4 JSPF	48 holes
4/16/01	5400'-5416'	4 JSPF	64 holes
4/16/01	5382'-5396'	4 JSPF	56 holes
4/17/01	5214'-5222'	4 JSPF	32 holes
4/17/01	5184'-5192'	4 JSPF	32 holes
4/18/01	4793'-4797'	4 JSPF	16 holes
4/18/01	4268'-4292'	4 JSPF	96 holes

NEWFIELD

West Point #9-7-9-16
1980' FSL & 660' FEL
NESE Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-32212; Lease #UTU-74390

Attachment E-12

West Point #12-8-9-16

Spud Date: 11/12/2001
Put on Production: 12/27/2001
GL: 5937' KB: 5947'

Initial Production: 82 BOPD,
43 MCFD, 37 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (301.78')
DEPTH LANDED: 309.78'
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est. 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141 jts. (5969')
DEPTH LANDED: 5966.5'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: ? per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 175 jts (5647.91')
TUBING ANCHOR: 5450.55'
NO. OF JOINTS: 3 jts (96.70')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5755.71'
NO. OF JOINTS: 2 jts (64.55')
TOTAL STRING LENGTH: EOT @ 5823.37'

SUCKER RODS

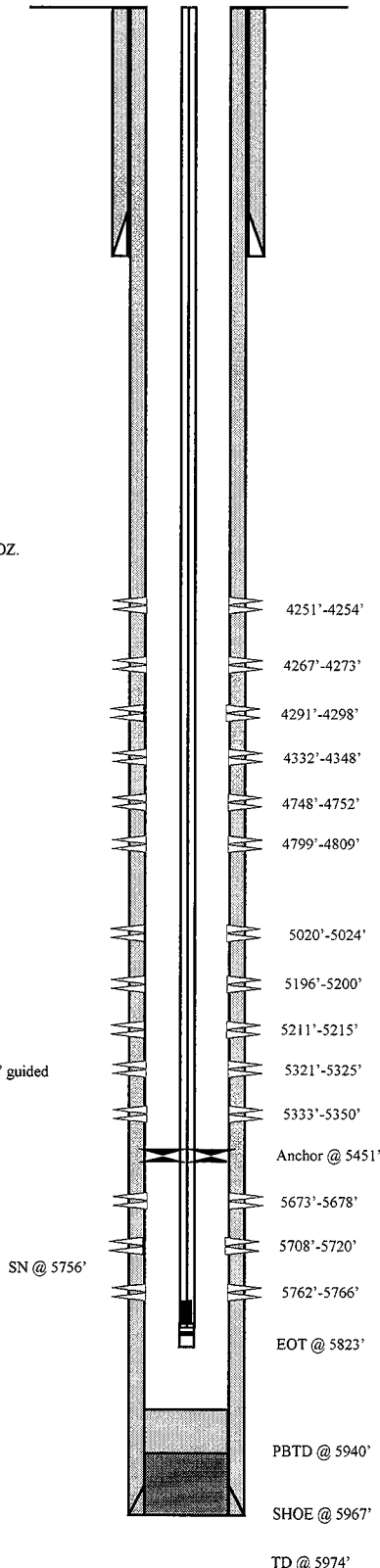
POLISHED ROD: 1-1/2" x 22' (A)
SUCKER RODS: 6-1 1/2" weight bars; 20-3/4" guided rods; 87-3/4" guided rods, .116-3/4" slick rods
PUMP SIZE: 2-1/2" x 1-1/2" x 15 1/2" RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

12/13/01 5673'-5766' **Frac CP sand as follows:**
89,594# 20/40 sand in 632 bbls YF-125 fluid. Treated @ avg press of 1719 psi w/avg rate of 27.5 BPM. ISIP 2060 psi. Calc. flush: 5673 gal., Act. flush: 5596 gal.
12/13/01 5196'-5350' **Frac LODC sand as follows:**
109,000# 20/40 sand in 747 bbls YF-125 fluid. Treated @ avg press of 1827 psi w/avg rate of 28.7 BPM. ISIP 2043 psi. Calc. flush: 5196 gal., Act. flush: 5095 gal. Flow 8.5 hrs. then died.
12/14/01 4748'-5024' **Frac D/B sand as follows:**
74,200# 20/40 sand in 547 bbls YF-125 fluid. Treated @ avg press of 1761 psi w/avg rate of 26.9 BPM. ISIP 2109 psi. Calc. flush: 4748 gal., Act. flush: 4683 gal.
12/14/01 4251'-4348' **Frac GB sand as follows:**
142,186# 20/40 sand in 946 bbls YF-125 fluid. Treated @ avg press of 1815 psi w/avg rate of 28.6 BPM. ISIP 2230 psi. Calc. flush: 4251 gal., Act. flush: 4171 gal. Flow 9 hrs. then died.
3/6/03 Stuck pump. Update rod details.
09/01/05 Pump Change. Detail rod and tubing Updated.
8-8-08 Parted rods. Updated rod & tubing details.

PERFORATION RECORD

Date	Interval	Tool	Holes
12/12/01	5762'-5766'	4 JSPF	16 holes
12/12/01	5708'-5820'	4 JSPF	48 holes
12/12/01	5673'-5678'	4 JSPF	20 holes
12/13/01	5333'-5350'	4 JSPF	68 holes
12/13/01	5321'-5325'	4 JSPF	16 holes
12/13/01	5211'-5215'	4 JSPF	16 holes
12/13/01	5196'-5200'	4 JSPF	16 holes
12/14/01	5020'-5024'	4 JSPF	16 holes
12/14/01	4799'-4809'	4 JSPF	40 holes
12/14/01	4748'-4752'	4 JSPF	16 holes
12/14/01	4332'-4348'	4 JSPF	64 holes
12/14/01	4291'-4298'	4 JSPF	28 holes
12/14/01	4267'-4273'	4 JSPF	24 holes
12/14/01	4251'-4254'	4 JSPF	12 holes



West Point Unit #12-8-9-16
2083' FSL & 584' FWL
NWSW Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-32286; Lease #UTU-74390

West Point Fed #Q-7-9-16

Spud Date:

Put on Production:

GL: KB:

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (324.65')
 DEPTH LANDED: 334.65'
 HOLE SIZE: 12-1/4"
 CEMENT DATA:

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 162 jts (6450.06')
 DEPTH LANDED: 6306'
 HOLE SIZE: 7-7/8"
 CEMENT DATA:
 CEMENT TOP AT: 30'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 197 jts (6059.36')
 TUBING ANCHOR: 6071.36' KB
 NO. OF JOINTS: 1 jt (30.86')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 6105.02' KB
 NO. OF JOINTS: 1 jts (31.02')
 TOTAL STRING LENGTH: EOT @ 6137.59'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
 SUCKER RODS: 1-2', 1-6' x 7/8" pony subs, 239-7/8" guided rods (8 per), 4-1 1/2" wt bars.
 PUMP SIZE: 2 1/2" x 1 3/4" x 24.5" RHAC "CDI"
 STROKE LENGTH: 122"
 PUMP SPEED, SPM: 5

FRAC JOB

10/20/08 6094-6102' Frac CP5 sds as follows:
 25,026# 20/40 sand in 379 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2369 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2269 psi. Actual flush: 5586 gals.

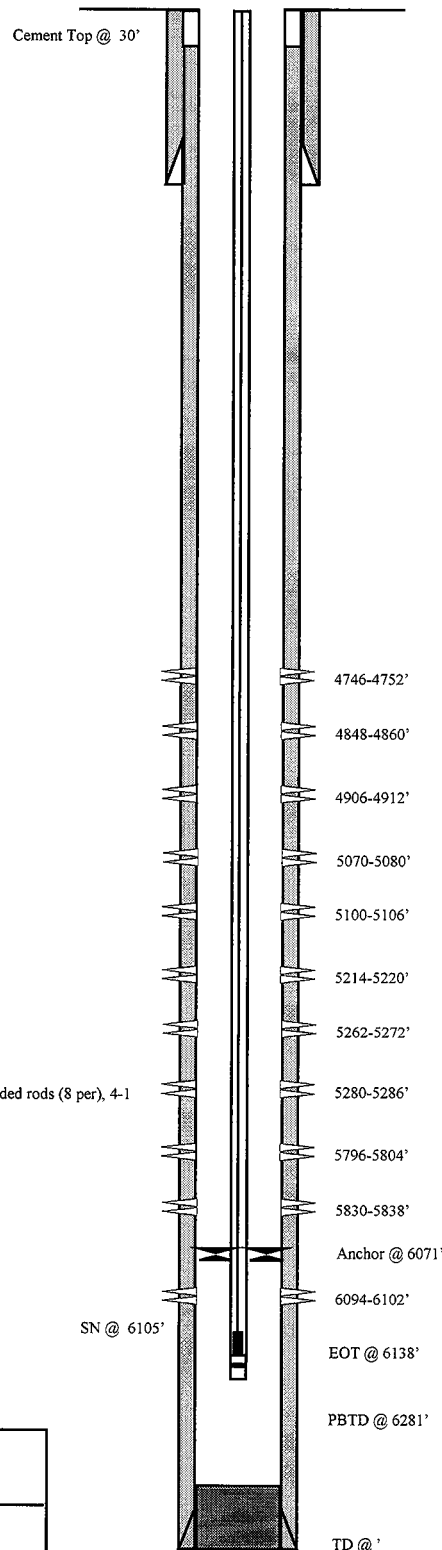
10/20/08 5796-5804' Frac CP1 & CP2 sds as follows:
 35,537# 20/40 sand in 401 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1718 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1922 psi. Actual flush: 5292 gals.

10/20/08 5214-5220' Frac A.5 & A1 sds as follows:
 48,211# 20/40 sand in 466 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1824 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2055 psi. Actual flush: 4708 gals.

10/20/08 5070-5080' Frac B.5 & B1 sds as follows:
 40,332# 20/40 sand in 419 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1978 psi @ ave rate of 23.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1997 psi. Actual flush: 4565 gals.

10/20/08 4848-4860' Frac D1 & D2 sds as follows:
 39,103# 20/40 sand in 409 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1926 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 2055 psi. Actual flush: 4343 gals.

10/20/08 4746-4752' Frac DS2 sds as follows:
 26,838# 20/40 sand in 373 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2189 psi @ ave rate of 23.2 BPM. ISIP 2164 psi. Actual flush: 4704 gals.

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
10/20/08	4746-4752'	4 JSPF	24 holes
10/20/08	4848-4860'	4 JSPF	48 holes
10/20/08	4906-4912'	4 JSPF	24 holes
10/20/08	5070-5080'	4 JSPF	40 holes
10/20/08	5100-5106'	4 JSPF	24 holes
10/20/08	5214-5220'	4 JSPF	24 holes
10/20/08	5262-5272'	4 JSPF	40 holes
10/20/08	5280-5286'	4 JSPF	24 holes
10/20/08	5796-5804'	4 JSPF	32 holes
10/20/08	5830-5838'	4 JSPF	32 holes
10/20/08	6094-6102'	4 JSPF	32 holes



West Point Fed #Q-7-9-16
 780' FSL & 403' FWL
 SW/SW Section 7-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33983; Lease #UTU-

West Point Fed #R-7-9-16

Spud Date: 9/18/2008

Put on Production: 10/30/08

GL: 5991' KB: 6003'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (320.79')
 DEPTH LANDED: 330.79'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 160 sx Class G cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: jts
 DEPTH LANDED:
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sx Premilite II and 475 sx 50/50 Poz
 CEMENT TOP AT: 60'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 189 jts (5817.10')
 TUBING ANCHOR: 5829.10' KB
 NO. OF JOINTS: 1 jt (30.80')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5862.70' KB
 NO. OF JOINTS: 2 jts (61.79')
 TOTAL STRING LENGTH: EOT @ 5926.04'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
 SUCKER RODS: 230-7/8" guided rods (8 per), 4- 1 1/2" weight bars
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' RHAC "CDI"
 STROKE LENGTH: 122"
 PUMP SPEED, SPM: 5

FRAC JOB

10/23/08 5858-5864' **Frac CP2 sds as follows:**
 25,074# 20/40 sand in 374 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2210 psi @ ave rate of 23.4 BPM. ISIP 2192 psi. Actual flush: 5351 gals.

10/23/08 5556-5570' **Frac LODC1 sds as follows:**
 60,708# 20/40 sand in 526 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2417 psi @ ave rate of 23.5 BPM. ISIP 2435 psi. Actual flush: 5048 gals.

10/23/08 5430-5436' **Frac LODC2 sds as follows:**
 29,466# 20/40 sand in 403 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2235 psi @ ave rate of 23.5 BPM. ISIP 2278 psi. Actual flush: 4922 gals.

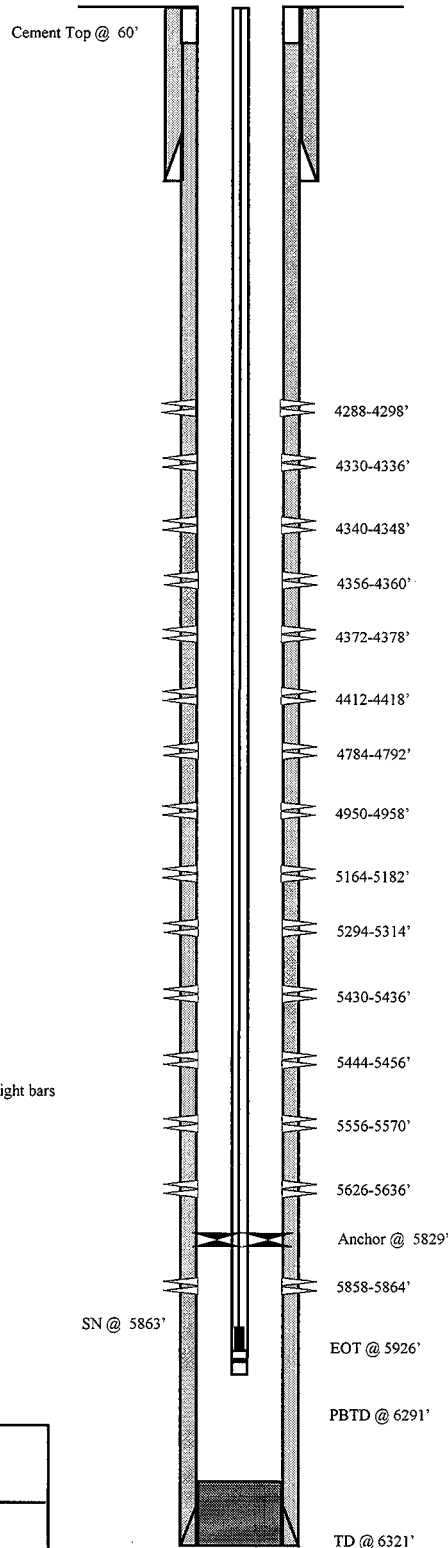
10/23/08 5294-5314' **Frac A1 sds as follows:**
 40,610# 20/40 sand in 418 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2417 psi @ ave rate of 23.4 BPM. ISIP 2464 psi. Actual flush: 4788 gals.

10/23/08 5164-5182' **Frac B2 sds as follows:**
 40,370# 20/40 sand in 408 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2157 psi @ ave rate of 23.5 BPM. ISIP 2272 psi. Actual flush: 4658 gals.

10/23/08 4950-4958' **Frac D2 sds as follows:**
 24,846# 20/40 sand in 350 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2339 psi @ ave rate of 23.4 BPM. ISIP 2136 psi. Actual flush: 4444 gals.

4784-4792' 10/23/08 **Frac DS2 sds as follows:**
 35,449# 20/40 sand in 368 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2456 psi @ ave rate of 23.4 BPM. ISIP 2504 psi. Actual flush: 4280 gals.

10/24/08 10/24/08 **Frac GB2, GB4, GB6 sds as follows:**
 101,148# 20/40 sand in 718 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1837 psi @ ave rate of 23.5 BPM. ISIP 2253 psi. Actual flush: 4200 gals.

PERFORATION RECORD

Date	Interval	Tool	Holes
10/23/08	4288-4298'	4 JSPF	40 holes
10/23/08	4330-4336'	4 JSPF	24 holes
10/23/08	4340-4348'	4 JSPF	32 holes
10/23/08	4356-4360'	4 JSPF	16 holes
10/23/08	4372-4378'	4 JSPF	24 holes
10/23/08	4412-4418'	4 JSPF	24 holes
10/23/08	4784-4792'	4 JSPF	32 holes
10/23/08	4950-4958'	4 JSPF	32 holes
10/23/08	5164-5182'	4 JSPF	72 holes
10/23/08	5294-5314'	4 JSPF	80 holes
10/23/08	5430-5436'	4 JSPF	24 holes
10/23/08	5444-5456'	4 JSPF	48 holes
10/23/08	5556-5570'	4 JSPF	56 holes
10/23/08	5626-5636'	4 JSPF	40 holes
10/23/08	5858-5864'	4 JSPF	24 holes



West Point Fed #R-7-9-16
 484' FSL & 1941' FWL
 SE/SW Section 7-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33974; Lease #UTU-74390

West Point Fed #S-7-9-16

Spud Date: 7-4-08
 Put on Production: 8-7-08
 GL:6001 KB:6013

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311.16')
 DEPTH LANDED: 323.01'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 150 jts (6288.46)
 DEPTH LANDED: 6301.71'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx Premlite II and 465 sx 50/50 Poz
 CEMENT TOP AT: 20'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 185 jts (5811.63')
 TUBING ANCHOR: 5823.63' KB
 NO. OF JOINTS: 1 jt (31.43')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5857.86' KB
 NO. OF JOINTS: 2 jts (62.87')
 TOTAL STRING LENGTH: EOT @ 5922.28

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
 SUCKER RODS: 230-7/8" guided rods (8 per), 4- 1 1/2" weight bars
 PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 20' RHAC rod pump- CDI
 STROKE LENGTH: 122"
 PUMP SPEED, SPM: 4.5

FRAC JOB

7/30/08 5802-5812' **Frac CP1 & CP2 sds as follows:**
 34,753# 20/40 sand in 493 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1682 psi w/ ave rate of 23.2 BPM. ISIP 1995 psi. Actual flush: 5300 gals.

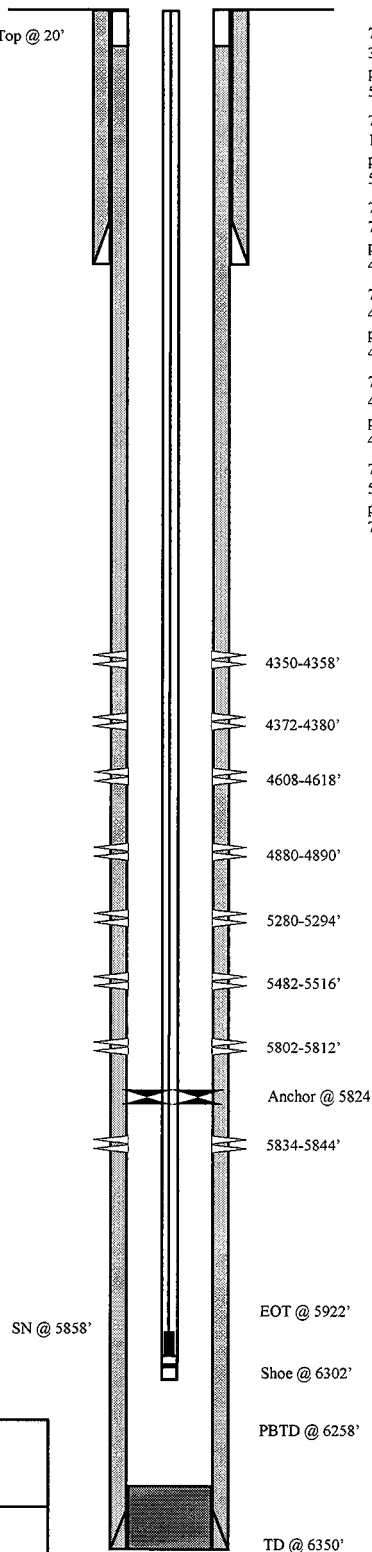
7/30/08 5482-5516' **Frac LODC sds as follows:**
 151,032# 20/40 sand in 1075 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2133 psi w/ ave rate of 23.4 BPM. ISIP 2650 psi. Actual flush: 5523 gals.

7/31/08 5280-5294' **Frac A.5 sds as follows:**
 70,799# 20/40 sand in 624 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2040 psi w/ ave rate of 23.2 BPM. ISIP 2662 psi. Actual flush: 4771 gals.

7/31/08 4880-4890' **Frac D1 sds as follows:**
 49,694# 20/40 sand in 476 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1666 psi w/ ave rate of 23.2 BPM. ISIP 1962 psi. Actual flush: 4368 gals.

7/31/08 4608-4618' **Frac PB10 sds as follows:**
 40,228# 20/40 sand in 425 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1970 psi w/ ave rate of 23.2 BPM. ISIP 2125 psi. Actual flush: 4095 gals.

7/31/08 4372-4380' **Frac GB4 & GB6 sds as follows:**
 52,889# 20/40 sand in 442 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2034 psi w/ ave rate of 23.2 BPM. ISIP 2193 psi. Actual flush: 799 gals.

PERFORATION RECORD

5/22/08	4350-4358'	4 JSPF	32 holes
5/22/08	4372-4380'	4 JSPF	32 holes
5/22/08	4608-4618'	4 JSPF	40 holes
5/21/08	4880-4890'	4 JSPF	40 holes
5/21/08	5280-5294'	4 JSPF	56 holes
5/21/08	5482-5516'	4 JSPF	136 holes
5/22/08	5802-5812'	4 JSPF	40 holes
5/22/08	5834-5844'	4 JSPF	40 holes



West Point Fed #S-7-9-16
 672' FSL & 641' FEL
 SE/SE Section 7-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33927; Lease #UTU-74390

West Point 14-7-9-16

Spud Date: 02/09/06
Put on Production: 03/24/06
K.B.: 6000, G.L.: 5988

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (306.55')
DEPTH LANDED: 317.45' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

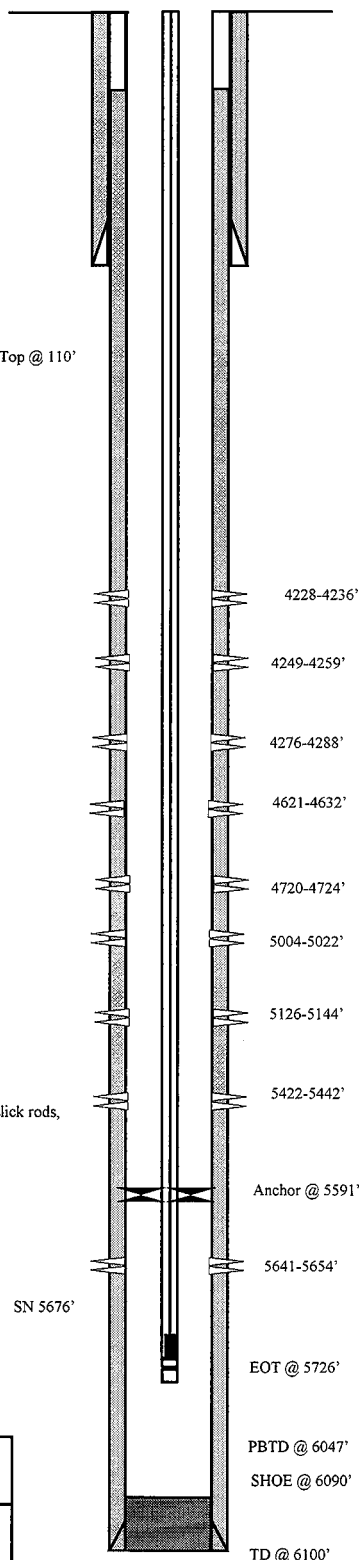
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (6077.36')
DEPTH LANDED: 6090.61' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts (5579.79')
TUBING ANCHOR: 5591.79' KB
NO. OF JOINTS: 2 jts (65.00')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5659.59' KB
NO. OF JOINTS: 2 jts (64.95')
TOTAL STRING LENGTH: EOT @ 5726.09' w/12 KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 2-6' x 3/4" pony sub, 100-3/4" guided rods, 90-3/4" slick rods, 30-3/4" guided rods, 6-1 1/2" weight bars.
PUMP SIZE: 2-1/2" x 1-1/2" x 12x 15' RHAC
STROKE LENGTH: 86"
PUMP SPEED, 4 SPM:

Wellbore Diagram**FRAC JOB**

03-14-06 5641-5654' **Frac CP1, sands as follows:**
40008# 20/40 sand in 460 bbls Lightning 17 frac fluid. Treated @ avg press of 1935 psi w/avg rate of 25.3 BPM. ISIP 1970 psi. Calc flush: 5652 gal. Actual flush: 5670 gal.

03-15-06 5422-5442' **Frac LODC, sands as follows:**
49941# 20/40 sand in 509 bbls Lightning 17 frac fluid. Treated @ avg press of 2174 psi w/avg rate of 25 BPM. ISIP 2290 psi. Calc flush: 5440 gal. Actual flush: 5418 gal.

03-15-06 5126-5144' **Frac A1 sands as follows:**
54325# 20/40 sand 471 bbls Lightning 17 frac fluid. Treated @ avg press of 2142 psi w/avg rate of 25.3 BPM. ISIP 2200 psi. Calc flush: 5142 gal. Actual flush: 5166 gal.

03-15-06 5004-5022' **Frac B2 sands as follows:**
90495# 20/40 sand in 651 bbls Lightning 17 frac fluid. Treated @ avg press of 1763 psi w/avg rate of 25.5 BPM. ISIP 1900 psi. Calc flush: 5020 gal. Actual flush: 4998 gal.

03-15-06 4621-4724' **Frac DSI, D1 sands as follows:**
25539# 20/40 sand in 320 bbls Lightning 17 frac fluid. Treated @ avg press 2017 psi w/avg rate of 25.4 BPM. ISIP 2300 psi. Calc flush: 4722 gal. Actual flush: 4620 gal.

03-15-06 4228-4288' **Frac GB4, GB6 sands as follows:**
123611# 20/40 sand in 812 bbls Lightning 17 frac fluid. Treated @ avg press 1796 psi w/avg rate of 25.4 BPM. ISIP 2180 psi. Calc flush: 4286 gal. Actual flush: 4116 gal.

Pump Change-Tubing & Rod detail updated.

Workover: Updated rod details.

Tbg. Leak. Updated rod and tubing details

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
03/10/06	5641-5654'	4 JSPF	52 holes
03/14/06	5422-5442'	4 JSPF	80 holes
03/15/06	5126-5144'	4 JSPF	72 holes
03/15/06	5004-5022'	4 JSPF	72 holes
03/15/06	4720-4724'	4 JSPF	16 holes
03/15/06	4621-4632'	4 JSPF	44 holes
03/15/06	4276-4288'	4 JSPF	48 holes
03/15/06	4249-4259'	4 JSPF	40 holes
03/15/06	4228-4236'	4 JSPF	32 holes

NEWFIELD**West Point 14-7-9-16**

493' FSL & 1919' FWL

SE/SW Section 7-T9S-R16E

Duchesne Co, Utah

API #43-013-32745; Lease #UTU-74390

Nine Mile #15-7-9-16

Spud Date: 12/2/97

Put on Production: 1/14/98

GL: 5923' KB: 5935'

Initial Production: 66 BOPD,
76 MCFPD, 6 BWPDSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (286')

DEPTH LANDED: 288'

HOLE SIZE: 12-1/4"

CEMENT DATA: 140 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 137 jts. (5827')

DEPTH LANDED: 5839'

HOLE SIZE: 7-7/8"

CEMENT DATA: 350 sxs Hibond mixed & 300 sxs thixotropic

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

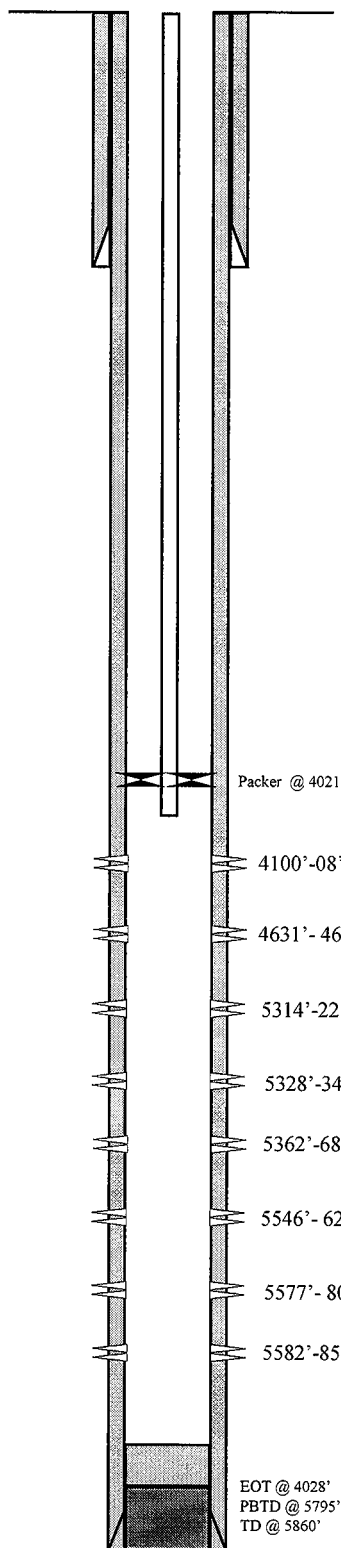
NO. OF JOINTS: 128 jts (4007.82')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4020.92' KB

TUBING ANCHOR: 4021.24'

TOTAL STRING LENGTH: EOT @ 4028.24'

Injection Wellbore
DiagramFRAC JOB

1/8/98	5546'-5585'	Frac CP sand as follows: 104,400# of 20/40 sd in 525 bbls Delta Frac. Treated @ avg rate 32.3 bpm, avg press 1650 psi. Breakdown @ 2996 psi. ISIP-2900 psi, 5-min 2007 psi. Flowback for 3 hrs & died.
1/10/98	4631'-4642'	Frac D sand as follows: 104,400# of 20/40 sd in 507 bbls Delta Frac. Breakdown @ 2460 psi. Treated @ avg rate of 26.4 BPM, avg press 2100 psi. ISIP-2424 psi, 5-min 2262 psi. Flowback on 12/64" ck for 4 hrs & died.
11/28/01	5362'-5368'	Broke perms with 3500 psi @ 1.75 bpm. Injection rate of 2950 psi.
11/28/01	5314'-5334'	Broke perms with 1200 psi @ 1.75 bpm. Injection rate of 1500 psi.
11/28/01	4100'-4108'	Broke perms with 2700 psi @ 1.75 bpm. Injection rate of 1800 psi.
11/28/01		Open new perms and convert to injection.
11/21/06		5 Year MIT completed on 11/15/06 and submitted on 11/21/06.

PERFORATION RECORD

1/8/98	5546'-5562'	4 JSPF	24 holes
1/8/98	5577'-5580'	4 JSPF	12 holes
1/8/98	5582'-5585'	4 JSPF	12 holes
1/9/98	4631'-4642'	4 JSPF	44 holes
11/28/01	5362'-5368'	4 JSPF	24 holes
11/28/01	5328'-5334'	4 JSPF	24 holes
11/28/01	5314'-5322'	4 JSPF	32 holes
11/28/01	4100'-4108'	4 JSPF	32 holes

NEWFIELD

Nine Mile #15-7-9-16
701.2 FSL & 2074.8 FEL
SWSE Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-31803; Lease #U-74390

EOT @ 4028'
PBTD @ 5795'
TD @ 5860'

Attachment E-18

Nine Mile #16-7-9-16

Spud Date: 3/23/98
Put on Production: 4/14/01
GL: 5999' KB: 6009'

Wellbore Diagram

Initial Production: 205.5BOPD,
442.1 MCFD, 70 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (294.6')
LANDED @ 295.1'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141 jts. 5959.62'
LANDED @ 5955.22'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT:

TUBING

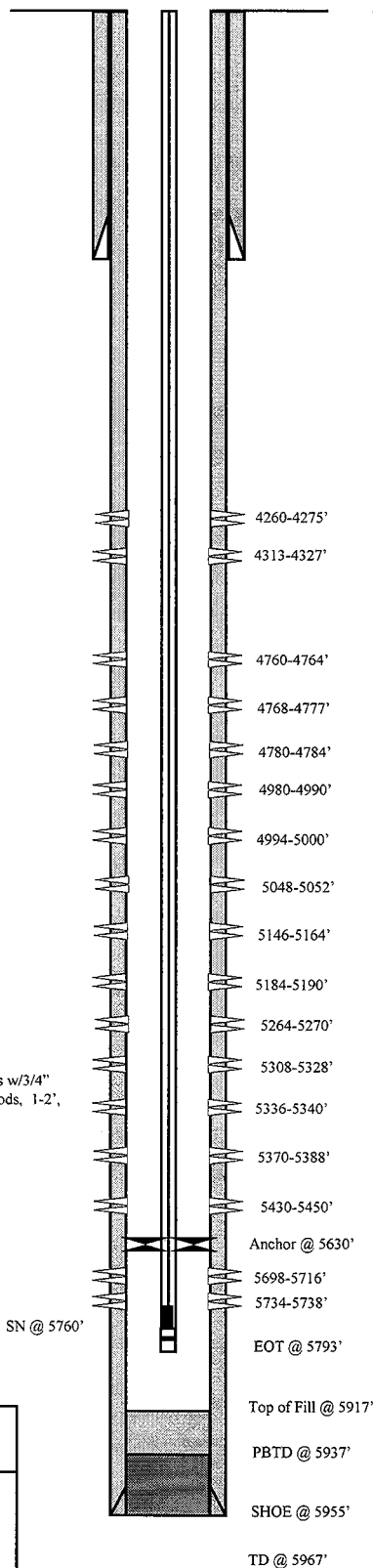
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 180 jts (5619.63')
TUBING ANCHOR: 5629.63'
NO. OF JOINTS: 4 jts (127.60')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5760.03' KB
NO. OF JOINTS: 1 jt (31.57')
TOTAL STRING LENGTH: EOT @ 5793.15'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 2-1 1/2" weight bars w/7/8" pins; 4-1 1/2" weight bars w/3/4" pins; 14-3/4" scraped rods; 116-3/4" plain rods, 93-3/4" scraped rods, 1-2", 1-4", 1-6", 1-8" x 3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 16" x 20" RHAC
STROKE LENGTH: 100"
PUMP SPEED, SPM: 4

FRAC JOB

4/3/01	5698-5738'	Frac CP sands as follows: Frac with 91,020# 20/40 sand in 674 bbls Viking I-25 fluid. Perfs broke down @ 2126 psi. Treated @ avg press of 1700 psi w/avg rate of 29.3 BPM. ISIP 1850 psi.
4/4/01	5370'-5450'	Frac LDC sand as follows: Frac with 161,000# 20/40 sand in 1046 bbls Viking I-25 fluid. Treated @ avg press of 2700 psi w/avg rate 28.7 BPM.. ISIP 3090 psi.
4/5/01	5264-5340'	Frac A-3/LDC sands as follows: Frac w/140,400# 20/40 sand in 925 bbls Viking I-25 fluid. Perfs broke down @ 3121 psi. Treated @ avg press of 2550 psi w/avg rate of 31 BPM. ISIP 2530 psi.
4/6/01	5146-5190'	Frac A sands as follows: Frac with 130,440# 20/40 sand in 852 bbls Viking I-25 fluid. Perfs broke down @ 2700 psi. Treated @ avg press of 2050 psi w/avg rate of 30.3 BPM. ISIP 1950 psi.
4/9/01	4980-5052'	Frac B sand as follows: Frac with 94,800# 20/40 sand in 648 bbls Viking I-25 fluid. Perfs broke down @ 2500 psi. Treated @ avg press of 2050 psi w/avg rate 27.3 BPM.. ISIP 2020 psi.
4/10/01	4760-4784'	Frac D sands as follows: Frac with 82,840# 20/40 sand in 544 bbls Viking I-25 fluid. Perfs broke down @ 2581 psi. Treated @ avg press of 1800 psi w/avg rate of 29.2 BPM. ISIP 2010 psi.
2/20/02		Tubing leak. Update rod and tubing details.
1/22/04		Pump change. Update rod and tubing details.
11/10/04	4313-4327'	Frac GB6 sands as follows: 25,477# 20/40 sand in 318 bbls Lightning 17 frac fluid. Treated @ avg press of 2125 psi w/avg rate of 25 BPM. ISIP 1880 psi. Calc. flush: 4311 gals. Actual flush: 4102 gals.
11/10/04	4260-4275'	Frac GB4 sands as follows: 62,560# 20/40 sand in 443 bbls Lightning 17 frac fluid. Treated @ avg press of 2297 psi w/avg rate of 25 BPM. ISIP 2310 psi. Calc. flush: 4258 gals. Actual flush: 4049 gals.
08/10/06		Pump Change. Update rod and tubing details.

PERFORATION RECORD

4/3/01	5734'-5738'	4 JSPF	16 holes
4/3/01	5698'-5716'	4 JSPF	72 holes
4/4/01	5430'-5450'	4 JSPF	80 holes
4/4/01	5370'-5388'	4 JSPF	72 holes
4/5/01	5336'-5340'	4 JSPF	16 holes
4/5/01	5308'-5328'	4 JSPF	80 holes
4/5/01	5264'-5270'	4 JSPF	24 holes
4/6/01	5184'-5190'	4 JSPF	24 holes
4/6/01	5146'-5164'	4 JSPF	72 holes
4/9/01	5048'-5052'	4 JSPF	16 holes
4/9/01	4994'-5000'	4 JSPF	24 holes
4/9/01	4980'-4990'	4 JSPF	40 holes
4/9/01	4780'-4784'	4 JSPF	16 holes
4/9/01	4768'-4777'	4 JSPF	36 holes
4/9/01	4760'-4764'	4 JSPF	16 holes
11/9/04	4313'-4327'	2 JSPF	28 holes
11/10/04	4260'-4275'	2 JSPF	30 holes

NEWFIELD

NINE MILE #16-7-9-16

660' FSL & 660' FEL

SESE Section 7-T9S-R16E

Duchesne Co, Utah

API #43-013-31804; Lease #UTU-74390

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Attachment F

1 of 4

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**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-19583**Well Name: **Fed 10-7-9-16**Sample Point: **Tank**Sample Date: **1 /9 /2009**Sales Rep: **Randy Huber**Lab Tech: **Peter Poulsen**

Sample Specifics	
Test Date:	1/15/2009
Temperature (°F):	160
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0077
pH:	8.2
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	14201
Molar Conductivity (µS/cm):	21517
Resistivity (Mohm):	0.4647

Analysis @ Properties in Sample Specifics			
Cations		Anions	
	mg/L		mg/L
Calcium (Ca):	80.00	Chloride (Cl):	7500.00
Magnesium (Mg):	24.40	Sulfate (SO₄):	28.00
Barium (Ba):	26.00	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	1342.00
Sodium (Na):	5194.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	-
Iron (Fe):	5.00	Phosphate (PO₄):	-
Manganese (Mn):	2.00	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate		Gypsum		Calcium Sulfate		Strontium Sulfate		Barium Sulfate		Calculated CO ₂
		CaCO ₃		CaSO ₄ · 2H ₂ O		CaSO ₄		SrSO ₄		BaSO ₄		
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
160	0	26.98	50.15	0.00	-2074.70	0.00	-1872.40	-	-	4.34	25.54	0.19
80	0	13.29	32.01	0.00	18.14	0.00	-2920.10	-	-	20.92	38.21	0.10
100	0	17.38	38.66	0.00	24.97	0.00	-2750.00	-	-	13.68	35.82	0.12
120	0	21.12	43.89	0.00	30.01	0.00	-2495.20	-	-	9.15	32.91	0.14
140	0	24.44	47.92	0.00	33.47	0.00	-2192.20	-	-	6.24	29.49	0.15
160	0	26.98	50.15	0.00	35.04	0.00	-1872.50	-	-	4.34	25.54	0.17
180	0	28.48	50.17	0.00	34.76	0.00	-1559.80	-	-	3.06	21.03	0.19
200	0	28.84	47.91	0.00	33.10	0.00	-1270.20	-	-	2.19	15.89	0.19
220	2.51	27.89	44.32	0.00	30.80	0.00	-1025.50	-	-	1.55	9.67	0.19
240	10.3	26.33	39.28	0.00	27.81	0.01	-802.42	-	-	1.13	2.94	0.19
260	20.76	24.19	33.91	0.00	24.50	0.01	-614.78	-	-	0.83	-4.70	0.19
280	34.54	21.73	28.79	0.00	21.09	0.02	-460.46	-	-	0.62	-13.37	0.19
300	52.34	19.16	24.23	0.00	17.82	0.03	-336.08	-	-	0.46	-23.23	0.19

Conclusions:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

Notes:

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Attachment F

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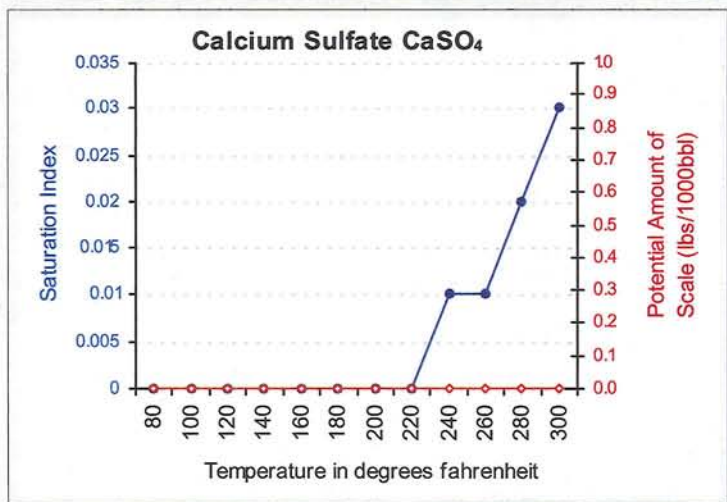
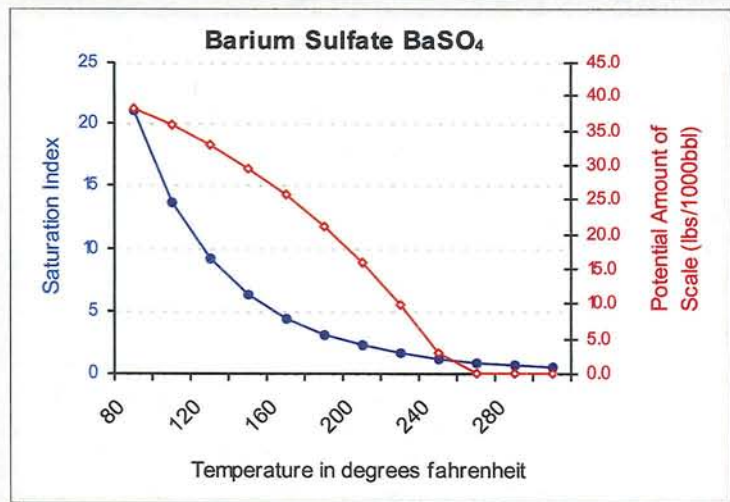
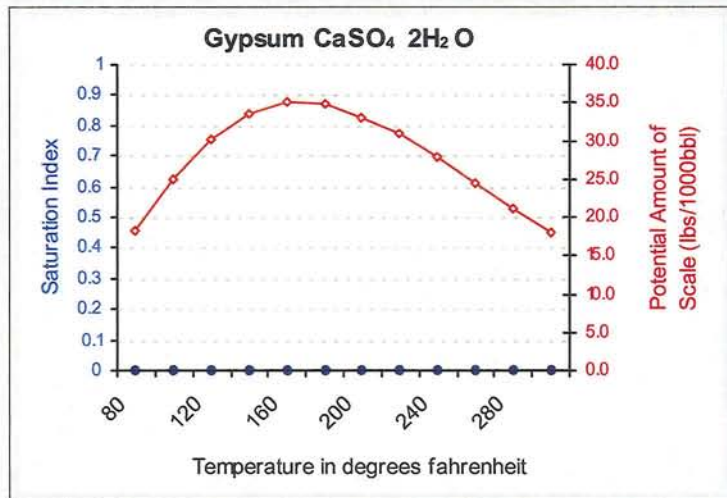
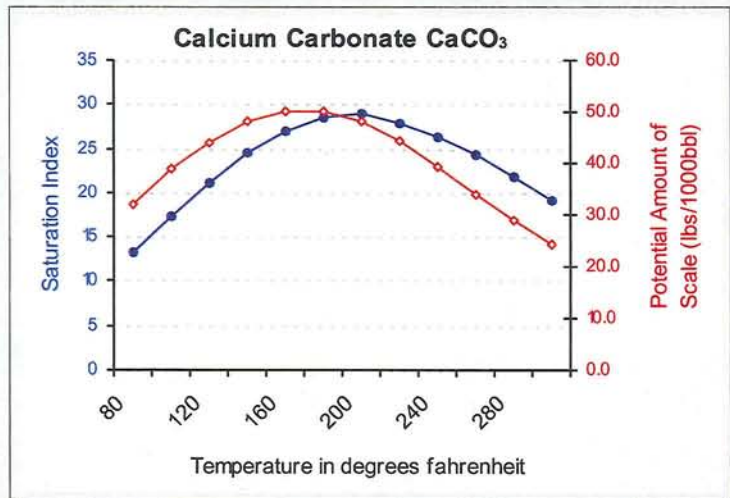
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Scale Prediction Graphs

Well Name: Fed 10-7-9-16

Sample ID: WA-19583



Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Attachment F

3 of 4

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**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION**Sample ID: **WA-19225**Well Name: **SANWASH INJECTION**Sample Point: **Triplex Suction**Sample Date: **1 / 6 / 2009**Sales Rep: **Randy Huber**Lab Tech: **Mike Chapman**

Sample Specifics	
Test Date:	1/7/2009
Temperature (°F):	50
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0000
pH:	6.8
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	3078
Molar Conductivity (µS/cm):	4664
Resistivity (Mohm):	2.1441

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	160.00	Chloride (Cl):	500.00
Magnesium (Mg):	24.40	Sulfate (SO₄):	1212.00
Barium (Ba):	4.00	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	366.00
Sodium (Na):	808.89	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	-
Iron (Fe):	3.00	Phosphate (PO₄):	-
Manganese (Mn):	0.10	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl											
		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂	
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale
Temp °F	Gauge Press. psi												psi
50	0	0.17	-0.78	0.26	-743.56	0.14	-1141.10	-	-	687.08	6.79	1.51	
80	0	0.33	-0.49	0.23	-4.37	0.14	-1121.10	-	-	356.16	6.78	0.63	
100	0	0.47	-0.34	0.22	-3.34	0.15	-1009.10	-	-	237.73	6.77	0.80	
120	0	0.61	-0.22	0.25	-2.62	0.18	-847.67	-	-	162.60	6.76	0.90	
140	0	0.79	-0.11	0.28	-2.11	0.23	-662.08	-	-	113.63	6.74	1.02	
160	0	0.98	-0.01	0.32	-1.74	0.30	-473.85	-	-	80.95	6.71	1.17	
180	0	1.19	0.08	0.35	-1.46	0.42	-298.95	-	-	58.66	6.68	1.29	
200	0	1.41	0.17	0.39	-1.24	0.60	-147.76	-	-	43.17	6.64	1.32	
220	2.51	1.63	0.25	0.42	-1.09	0.89	-27.90	-	-	31.74	6.58	1.35	
240	10.3	1.85	0.32	0.45	-0.96	1.37	65.43	-	-	23.92	6.51	1.39	
260	20.76	2.06	0.39	0.47	-0.86	2.17	131.27	-	-	18.22	6.42	1.42	
280	34.54	2.26	0.46	0.50	-0.79	3.49	174.27	-	-	14.00	6.31	1.46	
300	52.34	2.45	0.52	0.52	-0.73	5.73	200.13	-	-	10.85	6.17	1.51	

Conclusions:

Calcium Carbonate scale is indicated. See graph for appropriate temperature ranges.

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate scale is indicated. See graph for appropriate temperature ranges.

Strontium Sulfate scaling was not evaluated

Barium Sulfate scale is indicated at all temperatures from 80°F to 300°F

Notes:

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Attachment F

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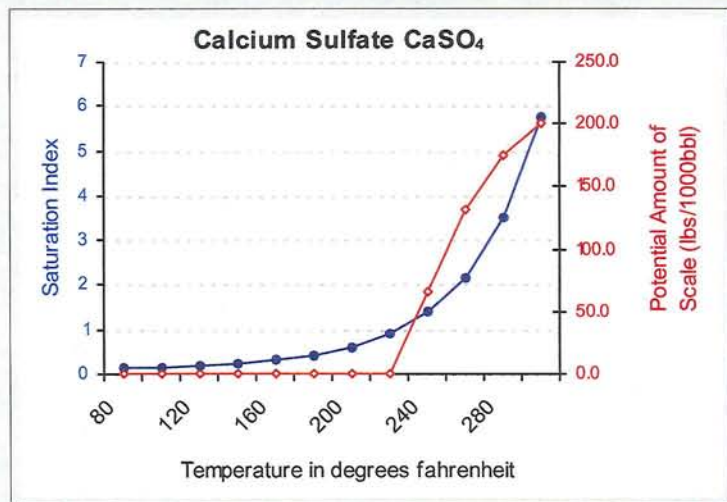
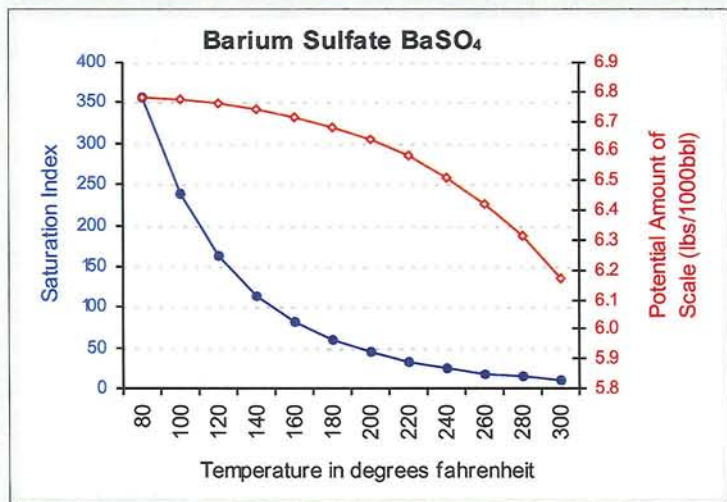
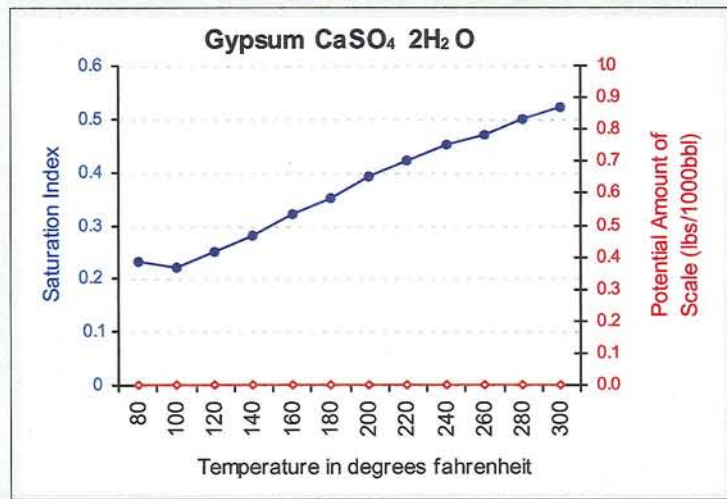
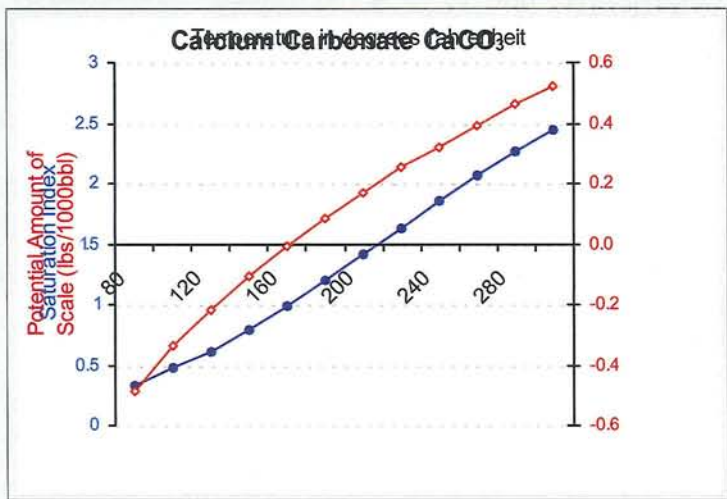
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Scale Prediction Graphs

Well Name: **SANWASH INJECTION**

Sample ID: **WA-19225**



Attachment "G"

Nine Mile 10-7-9-16 Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5608	5788	5698	2029	0.79	1993
5232	5316	5274	2892	0.99	2858
4945	5088	5017	3120	1.06	3088
4673	4680	4677	1720	0.80	1690 ←
4569	4580	4575	3904	1.29	3874
4148	4208	4178	2070	0.93	2043
				Minimum	<u>1690</u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (Frac\ Grad - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$Frac\ Gradient = (ISIP + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



Attachment G-1
1 of 19

DAILY COMPLETION REPORT

WELL NAME Nine Mile 10-7 **Report Date** 12/24/97 **Completion Day** 1
Present Operation Perf CP sands. **Rig** Flint #4097

WELL STATUS

Surf Csg: 8-5/8 @ 304' **Liner** @ **Prod Csg** 5-1/2 @ 5859 **Csg PBTD** 5820
Tbg: **Size** 2-7/8 **Wt** 6.5# **Grd** M-50 **Pkr/EOT @** **BP/Sand PBTD:** 5820

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/23/97 **SITP:** **SICP:**
MIRU Flint #4097. PU & tally in hole w/185 jts of 2-7/8" 6.5# M-50 tbg. Tagged PBTD @ 5780'. Bottom set of pers @ 5788'. RU stripping head & power swivel. Drl cmt to 5820'. RD power swivel. TOH w/10 stands of tbg. SDFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>0</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>0</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>0</u>	Cum oil recovered	<u>0</u>
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u> </u>	

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

Flint rig	1,732
BOP	135
Tanks	90
Trucking	1,200
KCL	50
Wtr	120
Tbg head	1,500
Tbg	14,800
Power Swivel	300
Location cleanup	200
IPC Supervision	200

Max TP **Max Rate** **Total fluid pmpd:**
Avg TP **Avg Rate** **Total Prop pmpd:**
ISIP **5 min** **10 min** **15 min**

Completion Supervisor: Brad Mecham

DAILY COST: \$20,327
TOTAL WELL COST: \$175,959



Attachment G-1

2 of 19

DAILY COMPLETION REPORT

WELL NAME Nine Mile 10-7 Report Date 12/25/97 Completion Day 2
Present Operation Break dn & frac CP sands. Rig Flint #4097

WELL STATUS

Surf Csg: 8-5/8 @ 304' Liner _____ @ _____ Prod Csg 5-1/2 @ 5858 Csg PBDT 5820
Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ 5565 BP/Sand PBDT: _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP	5608-16'	4/32			
CP	5768-88'	4/80			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/24/97 SITP: 0 SICP 0
TIH w/bit, scraper & tbg to 5820'. Circ hole volume w/clean KCL wtr. Press test csg & BOP to 3000 psi. TOH w/tbg. RU HLS & perf CP sds @ 5608-16' & 5768-88' w/4 jspf. TIH w/5-1/2" RTTS pkr & tbg to 5565'. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>0</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>0</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>0</u>	Cum oil recovered	<u>0</u>
IFL _____ FFL _____ FTP _____		Choke _____ Final Fluid Rate _____	Final oil cut _____

STIMULATION DETAIL

Base Fluid used: _____ Job Type: _____
Company: _____
Procedure: _____

COSTS

Flint rig	1,190
BOP	135
Tanks	15
Wtr	510
KCL sub	150
Pkr	200
Perfs & CBL	4,026
IPC Supervision	200

Max TP _____ Max Rate _____ Total fluid pmpd: _____
Avg TP _____ Avg Rate _____ Total Prop pmpd: _____
ISIP _____ 5 min _____ 10 min _____ 15 min _____
Completion Supervisor: Gary Dietz

DAILY COST: \$6,426
TOTAL WELL COST: \$182,385



Attachment G-1

3.2.19

DAILY COMPLETION REPORT

WELL NAME Nine Mile 10-7 Report Date 12/30/97 Completion Day 3
Present Operation Perf LDC sds. Rig Flint #4097

WELL STATUS

Surf Csg: 8-5/8 @ 304' Liner 6.5# @ Grd M-50 Prod Csg 5-1/2 @ 5858 Csg PBDT 5820
Tbg: Size 2-7/8 Wt 6.5# Pkr/EOT @ BP/Sand PBDT:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP	5608-16'	4/32			
CP	5768-88'	4/80			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/29/97 SITP: 0 SICP: 0

TIH w/5-1/2" RTTS pkr & tbg f/5565' to 5629'. Set pkr. Break dn perfs 5768-88' @ 1550 psi. Inject 5 BW @ .75 BPM @ 1300 psi. Break dn perfs 5608-16' @ 1400 psi. Inject 5 BW @ 1.1 BPM @ 1400 psi. Release pkr. Pull EOT to 5567'. IFL @ sfc. Swab FL dn to 5400'. Rec 116 BTF. TOH w/tbg. LD pkr. NU isolation tool. RU Halliburton & frac CP sds w/129,100# 20/40 sd in 627 bbls Delta Frac. Perfs broke back @ 2573 psi @ 9 BPM. Treated @ ave press of 1600 psi w/ave rate of 35 BPM. ISIP: 2029 psi, 5 min: 1781 psi. Flowback on 12/64 choke for 4 hrs & died. Rec 130 BTF (est 21% of load). SIFN w/est 514 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	644	Starting oil rec to date	0
Fluid lost/recovered today	130	Oil lost/recovered today	0
Ending fluid to be recovered	514	Cum oil recovered	0
IFL Sfc FFL 5400 FTP		Choke 12/64 Final Fluid Rate	Final oil cut 0

STIMULATION DETAIL

Base Fluid used: Delta Frac Job Type: Sand Frac
Company: Halliburton
Procedure:
3500 gal of pad.
1000 gal w/1-6 ppg of 20/40 sd
10,000 gal w/6-8 ppg of 20/40 sd
6289 gal w/8-10 ppg of 20/40 sd
Flush w/5551 gal of 10# Linear gel

COSTS

Flint rig	1,511
BOP	135
Tanks (3 days)	135
Wtr	800
HO Trk	470
Frac	26,351
Flowback - super	160
IPC Supervision	200

Max TP	2573	Max Rate	36	Total fluid pmpd:	627 bbls
Avg TP	1600	Avg Rate	35	Total Prop pmpd:	129,100#
ISIP	2029	5 min	1781	10 min	15 min

Completion Supervisor: Gary Dietz

DAILY COST: \$29,762
TOTAL WELL COST: \$212,147



Attachment G-1

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DAILY COMPLETION REPORT

WELL NAME Nine Mile 10-7 **Report Date** 12/31/97 **Completion Day** 4
Present Operation Frac LDC sds. **Rig** Flint #4097

WELL STATUS

Surf Csg: 8-5/8 @ 304' **Liner** _____ @ _____ **Prod Csg** 5-1/2 @ 5858 **Csg PBTD** 5820
Tbg: **Size** 2-7/8 **Wt** 6.5# **Grd** M-50 **Pkr/EOT @** _____ **BP/Sand PBTD:** 5373

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5232-46'	4/56	CP	5608-16'	4/32
LDC	5250-58'	4/32	CP	5768-88'	4/80
LDC	5272-88'	4/64			
LDC	5312-16'	4/16			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/30/97 **SITP:** _____ **SICP** 100

Thaw wellhead & BOP w/HO Trk. Bleed off est 5 bbls frac fluid. TIH w/5-1/2" RBP & tbg. Set plug @ 5373'. Press test plug to 3000 psi. Circ hole clean. Swab FL dn to 4700'. Rec 101 BTF. TOH w/tbg. RU HLS & perf LDC sds @ 5232-46', 5250-58', 5272-88' & 5312-16' w/4 jsp. TIH w/tbg to 5315'. IFL @ 4700'. Made 4 swab runs, rec 12 BTF w/tr oil. FFL @ 5300'. TOH w/tbg. NU isolation tool for AM frac. SIFN w/est 396 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>514</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>118</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>396</u>	Cum oil recovered	<u>0</u>
IFL <u>4700</u> FFL <u>5300</u> FTP _____		Choke _____ Final Fluid Rate _____	Final oil cut _____

STIMULATION DETAIL

Base Fluid used: _____ **Job Type:** _____
Company: _____
Procedure: _____

COSTS

Flint rig	1,863
BOP	135
Tanks	45
RBP	600
HO Trk	100
Perfs	3,376
IPC Supervision	200
Wtr disp	300

Max TP _____ **Max Rate** _____ **Total fluid pmpd:** _____
Avg TP _____ **Avg Rate** _____ **Total Prop pmpd:** _____
ISIP _____ **5 min** _____ **10 min** _____ **15 min** _____
Completion Supervisor: Gary Dietz

DAILY COST: \$6,619
TOTAL WELL COST: \$218,766



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DAILY COMPLETION REPORT

WELL NAME Nine Mile 10-7 Report Date 1/1/98 Completion Day 5
Present Operation Perf & break dn A sands. Rig Flint #4097

WELL STATUS

Surf Csg: 8-5/8 @ 304' Liner @ Prod Csg 5-1/2 @ 5858 Csg PBTD 5820
Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ BP Sand PBTD: 5373

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5232-46'	4/56	CP	5608-16'	4/32
LDC	5250-58'	4/32	CP	5768-88'	4/80
LDC	5272-88'	4/64			
LDC	5312-16'	4/16			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/31/97 SITP: 0 SICP 0
RU Halliburton & frac LDC sds w/125,400# 20/40 sd in 560 bbls Delta Frac. Perfs broke dn @ 3322 psi. Treated @ ave press of 2600 psi w/ave rate of 30.3 BPM. ISIP: 2892 psi, 5 min: 3349 psi. Flowback on 12/64 choke. After 8 mins - pressure @ 3900 psi. Flowed for 5 hrs & died. Rec 220 BTF (est 39% of load). SIFN w/est 736 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	396	Starting oil rec to date	0
Fluid <u>lost</u> /recovered today	340	Oil lost/recovered today	0
Ending fluid to be recovered	736	Cum oil recovered	0
IFL <u> </u> FFL <u> </u> FTP <u> </u>		Choke <u>12/64</u> Final Fluid Rate <u> </u> Final oil cut <u> </u>	

STIMULATION DETAIL

Base Fluid used: Delta Frac Job Type: Sand Frac
Company: Halliburton
Procedure:
3000 gal of pad
1000 gal w/1-6 ppg of 20/40 sd
9000 gal w/6-8 ppg of 20/40 sd
5308 gal w/8-10 ppg of 20/40 sd
Flush w/5198 gal of 10# Linear gel.

COSTS

Flint rig	486
BOP	135
Tanks	45
Wtr	750
HO Trk	450
Frac	23,309
Flowback - super	200
IPC Supervision	200

Max TP	3322	Max Rate	31.2	Total fluid pmpd:	560 bbls
Avg TP	2600	Avg Rate	30.3	Total Prop pmpd:	125,400#
ISIP	2892	5 min	3349	10 min	15 min
Completion Supervisor:	Gary Dietz				

DAILY COST:	\$25,575
TOTAL WELL COST:	\$244,341



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DAILY COMPLETION REPORT

WELL NAME Nine Mile 10-7 **Report Date** 1/3/98 **Completion Day** 6
Present Operation Frac A sds. **Rig** Flint #4097

WELL STATUS

Surf Csg: 8-5/8 @ 304' **Liner** 6.5# @ M-50 **Prod Csg** 5-1/2 @ 5858 **Csg PBD** 5820
Tbg: Size 2-7/8 **Wt** 6.5# **Grd** M-50 **PKr/EOT** @ 4945 **BP/Sand PBD** 5161

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A	4945-48'	4/12	LDC	5272-88'	4/64
A	5025-34'	4-36	LDC	5312-16'	4/16
A	5082-88'	4-24	CP	5608-16'	4/32
LDC	5232-46'	4/56	CP	5768-88'	4/80
LDC	5250-58'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/31/97 **SITP:** 300 **SICP** 300

Thaw wellhead & BOP w/HO trk. Bleed off est 10 bbls frac fluid. TIH w/RH & tbg. Tag sd @ 5250'. CO sd to RBP @ 5373'. Release plug & pull uphole to 5161'. Reset plug & press test to 3000 psi. TOH w/tbg. RU HLS & **perf A sds @ 4945-48', 5025-34' & 5082-88' w/4 jsp.** TIH w/RH, pup jt, 5-1/2" RTTS pkr & tbg. Set pkr @ 5067'. Break dn perfs 5082-88' @ 3800 psi. Inject 3 BW @ 1 BPM @ 2200 psi. Release pkr. Move tools & isolate perfs 5025-34'. Break dn perfs @ 600 psi. Inject 4 BW @ 2-1/2" BPM @ 800 psi. Release tools. Move tools & isolate perfs @ 4945-48'. Break dn perfs @ 3400 psi. Inject 3 BW @ 1 BPM @ 3700 psi. Release tools. Move RBP to 5161'. Set plug & press test to 3000 psi. Release pkr & pull to 4945'. IFL @ sfc. Swab FL dn to 4900'. Rec 115 BW. SIFN w/est 621 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>736</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>115</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>621</u>	Cum oil recovered	<u>0</u>
IFL <u>Sfc</u> FFL <u>4900</u> FTP		Choke	
		Final Fluid Rate	
		Final oil cut	

STIMULATION DETAIL

Base Fluid used: KCL wtr **Job Type:** Break dn
Company: Flint
Procedure:
Isolate perfs & break dn zones individually.
Perfs: 5082-88'. Break dn @ 3800 psi.
Inject 3 BW @ 1 BPM @ 2200 psi.
Perfs: 5025-34'. Break dn @ 600 psi.
Inject 4 BW @ 2.5 BPM @ 800 psi.
Perfs: 4945-48'. Break dn @ 3400 psi.
Inject 3 BW @ 1 BPM @ 3700 psi.
Max TP **Max Rate** **Total fluid pmpd:** 10 bbls
Avg TP **Avg Rate** **Total Prop pmpd:** 0
ISIP **5 min** **10 min** **15 min**
Completion Supervisor: Gary Dietz

COSTS

Flint rig	<u>1,704</u>
BOP	<u>135</u>
Tanks	<u>45</u>
HO Trk	<u>100</u>
Pkr	<u>200</u>
Perfs	<u>2,108</u>
Tool head	<u>445</u>
IPC Supervision	<u>200</u>
DAILY COST:	<u>\$4,937</u>
TOTAL WELL COST:	<u>\$249,278</u>



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DAILY COMPLETION REPORT

WELL NAME Nine Mile 10-7 **Report Date** 1/4/98 **Completion Day** 7
Present Operation Perf YDC sds. **Rig** Flint #4097

WELL STATUS

Surf Csg: 8-5/8 @ 304' **Liner** 6.5# @ Grd M-50 **Prod Csg** 5-1/2 @ 5858 **Csg PBTD** 5820
Tbg: **Size** 2-7/8 **Wt** 6.5# **Pkr/EOT @** BP/Sand PBTD: 5161

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A	4945-48'	4/12	LDC	5272-88'	4/64
A	5025-34'	4-36	LDC	5312-16'	4/16
A	5082-88'	4-24	CP	5608-16'	4/32
LDC	5232-46'	4/56	CP	5768-88'	4/80
LDC	5250-58'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 1/3/98 **SITP:** 30 **SICP** 40

Bleed gas off well. IFL @ 3700'. Made 5 swab runs, rec 28 BTF w/tr oil. FFL @ 4900'. TOH w/tbg. NU isolation tool. RU Halliburton & frac A sds w/127,200# 20/40 sd in 608 bbls Delta Frac. Perfs broke back @ 2519 psi. Treated @ ave press of 2493 psi w/ave rate of 35 BPM. ISIP: 3120 psi, 5 min: 2791 psi. Flowback on 12/64 choke for 3 hrs & died. Rec 105 BTF (est 17% of load). SIFN w/est 1096 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	621	Starting oil rec to date	0
Fluid lost/recovered today	475	Oil lost/recovered today	0
Ending fluid to be recovered	1096	Cum oil recovered	0
IFL <u>3700</u> FFL <u>4900</u> FTP <u> </u>		Choke <u>12/64</u> Final Fluid Rate <u> </u>	Final oil cut <u>Tr.</u>

STIMULATION DETAIL

Base Fluid used: Delta Frac **Job Type:** Sand Frac
Company: Halliburton
Procedure:
3500 gal of pad.
1000 gal w/1-6 ppg of 20/40 sd
10,000 gal w/6-8 ppg of 20/40 sd
6199 gal w/8-10 ppg of 20/40 sd
Flush w/4844 gal of 10# Linear gel.

COSTS

Flint rig	935
BOP	135
Tanks	45
Wtr	750
HO Trk	265
Frac	26,074
Flowback - super	100
IPC Supervision	200
Wtr disp	300

Max TP 3374 **Max Rate** 36.2 **Total fluid pmpd:** 608 bbls
Avg TP 2493 **Avg Rate** 35 **Total Prop pmpd:** 127,200#
ISIP 3120 **5 min** 2791 **10 min** **15 min**
Completion Supervisor: Gary Dietz

DAILY COST: \$28,804
TOTAL WELL COST: \$278,082



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DAILY COMPLETION REPORT

WELL NAME Nine Mile 10-7 Report Date 1/6/98 Completion Day 8
Present Operation Frac YDC sds. Rig Flint #4097

WELL STATUS

Surf Csg: 8-5/8 @ 304' Liner @ 5-1/2 @ 5858 Csg PBTD 5820
Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr EOT @ 4685 BP Sand PBTD: 4723

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
YDC	4569-80'	4/44	LDC	5250-58'	4/32
A	4945-48'	4/12	LDC	5272-88'	4/64
A	5025-34'	4-36	LDC	5312-16'	4/16
A	5082-88'	4-24	CP	5608-16'	4/32
LDC	5232-46'	4/56	CP	5768-88'	4/80

CHRONOLOGICAL OPERATIONS

Date Work Performed: 1/5/98 SITP: SICP 0
Thaw wellhead & BOP w/HO trk. TIH w/RH & tbg. Tag sd @ 4935'. CO sd to RBP @ 5161'. Circ hole clean. Release plug. Pull up & reset plug @ 4723'. Press test to 3000 psi. Swab FL dn to 4100'. Rec 88 BTF. TOH w/tbg. RU HLS & perf YDC sds @ 4569-80' w/4 jspf. TIH w/tbg to 4685. IFL @ 4100'. Made 4 swab runs, rec 8 BTF. FFL @ 4600'. SIFN w/est 1000 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1096</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>96</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1000</u>	Cum oil recovered	<u>0</u>
IFL <u>4100</u> FFL <u>4600</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u> Final oil cut <u> </u>	

STIMULATION DETAIL

Base Fluid used: Job Type:
Company:
Procedure:

COSTS

Flint rig	1,384
BOP	135
Tanks	45
HO Trk	100
Perfs	1,597
IPC Supervision	200

Max TP Max Rate Total fluid pmpd:
Avg TP Avg Rate Total Prop pmpd:
ISIP 5 min 10 min 15 min
Completion Supervisor: Gary Dietz

DAILY COST: \$3,461
TOTAL WELL COST: \$281,543



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DAILY COMPLETION REPORT

WELL NAME Nine Mile 10-7 Report Date 1/8/98 Completion Day 9
Present Operation Pull plug. CO to PBTD. Swab. Rig Flint #4097

WELL STATUS

Surf Csg: 8-5/8 @ 304' Liner @ 5858 Prod Csg 5-1/2 @ 5858 Csg PBTD 5820
Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ BP Sand PBTD: 4723

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
YDC	4569-80'	4/44	LDC	5250-58'	4/32
A	4945-48'	4/12	LDC	5272-88'	4/64
A	5025-34'	4-36	LDC	5312-16'	4/16
A	5082-88'	4-24	CP	5608-16'	4/32
LDC	5232-46'	4/56	CP	5768-88'	4/80

CHRONOLOGICAL OPERATIONS

Date Work Performed: 1/7/98 SITP: 5 SICP 250

Bleed gas off well. IFL @ 2800'. Made 4 swab runs, rec 38 BO, 0 BW. FFL maintaining 3100'. TOH w/tbg. NU isolation tool. RU Halliburton to frac YDC sds w/59,000# 20/40 sd in 374 bbls Delta Frac. Perfs broke dn @ 2197 psi. Treated @ ave press of 2800 psi w/ave rate of 27 BPM. Increasing pressure caused sd to be cut @ blender at beginning of 8-10# stage. Flush rate varied f/8 to 3 BPM. SD w/1146 gal of Flush remaining. Screened out w/7.4# sd on perfs. ISIP: 3904 psi, 5 min: 3101 psi. Flowback on 12/64 choke for 2-1/2 hrs & died. Rec 65 BTF (est 17% of load). SIFN w/est 1309 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	1000	Starting oil rec to date	0
Fluid lost/recovered today	309	Oil lost/recovered today	38
Ending fluid to be recovered	1309	Cum oil recovered	38
IFL 2800 FFL 3100 FTP		Choke 12/64 Final Fluid Rate	Final oil cut 100%

STIMULATION DETAIL

Base Fluid used: Delta Frac Job Type: Sand Frac
Company: Halliburton
Procedure: 3000 gal of pad
1000 gal w/1-6 ppg of 20/40 sd
8000 gal w/6-8 ppg of 20/40 sd
378 gal w/8-10 ppg of 20/40 sd stage
Flush w/3337 gal of 10# Linear gel (1146 gal short). Screened out
7.4# sd on perfs. Est 52,600# sd in perfs, 6400# sd left in csg.

COSTS

Flint rig	999
BOP	135
Tanks	45
Wtr	650
RPB zone charges (2)	434
Frac	18,016
Flowback - super	120
IPC Supervision	200

Max TP	4103	Max Rate	39.1	Total fluid pmpd:	374 bbls
Avg TP	3800	Avg Rate	37	Total Prop pmpd:	59,000#
ISIP	3904	5 min	3101	10 min	15 min

Completion Supervisor: Gary Dietz

DAILY COST: \$20,599
TOTAL WELL COST: \$302,142



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DAILY COMPLETION REPORT

WELL NAME Nine Mile 10-7 Report Date 1/9/98 Completion Day 10
Present Operation Swab well. Trip production tbg. Rig Flint #4097

WELL STATUS

Surf Csg: 8-5/8 @ 304' Liner _____ @ _____ Prod Csg 5-1/2 @ 5858 Csg PBTD 5820
Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr EOT @ 5786 BP/Sand PBTD: _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
YDC	4569-80'	4/44	LDC	5250-58'	4/32
A	4945-48'	4/12	LDC	5272-88'	4/64
A	5025-34'	4-36	LDC	5312-16'	4/16
A	5082-88'	4-24	CP	5608-16'	4/32
LDC	5232-46'	4/56	CP	5768-88'	4/80

CHRONOLOGICAL OPERATIONS

Date Work Performed: 1/8/98 SITP: _____ SICP 110

Thaw wellhead & BOP w/HO trk. Bleed off est 8 bbls frac fluid w/tr oil. TIH w/RH & tbg. Tag sd @ 4067'. OC sd to RBP @ 4723'. Release plug. TOH w/tbg. LD plug. TIH w/NC & tbg. Tag sd @ 5473'. CO sd to PBTD @ 5820'. Circ hole clean. Lost est 30 BW during circ's. Pull EOT to 5786'. RU swab. IFL @ sfc. Made 5 swab runs, rec 57 BTF. FFL @ 1000'. SIFN w/est 1274 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1309</u>	Starting oil rec to date	<u>38</u>
Fluid lost/recovered today	<u>35</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1274</u>	Cum oil recovered	<u>38</u>
IFL Sfc FFL <u>1000</u> FTP _____		Choke _____	Final Fluid Rate _____
			Final oil cut _____

STIMULATION DETAIL

Base Fluid used: _____ Job Type: _____
Company: _____
Procedure: _____

COSTS

Flint rig	1,714
BOP	135
Tanks	45
HO Trk	100
IPC Supervision	100

Max TP _____ Max Rate _____ Total fluid pmpd: _____
Avg TP _____ Avg Rate _____ Total Prop pmpd: _____
ISIP _____ 5 min _____ 10 min _____ 15 min _____

Completion Supervisor: Gary Dietz

DAILY COST: \$2,094
TOTAL WELL COST: \$304,236



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DAILY COMPLETION REPORT

WELL NAME Nine Mile 10-7 **Report Date** 1/10/98 **Completion Day** 11
Present Operation PU rods. Place well on production. **Rig** Flint #4097

WELL STATUS

Surf Csg: 8-5/8 @ 304' **Liner** _____ @ _____ **Prod Csg** 5-1/2 @ 5858 **Csg PBTD** 5820
Tbg: **Size** 2-7/8 **Wt** 6.5# **Grd** M-50 **Pkr** EOT @ 5769 **BP/Sand PBTD:** _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
YDC	4569-80'	4/44	LDC	5250-58'	4/32
A	4945-48'	4/12	LDC	5272-88'	4/64
A	5025-34'	4-36	LDC	5312-16'	4/16
A	5082-88'	4-24	CP	5608-16'	4/32
LDC	5232-46'	4/56	CP	5768-88'	4/80

CHRONOLOGICAL OPERATIONS

Date Work Performed: 1/9/98 **SITP:** 0 **SICP** 200

Bleed off gas & sm amt fluid. IFL @ sfc. Made 12 swab runs, rec 192 BTF (est 152 BO, 40 BO). Tr sd. FOC @ 30%. FFL @ 1400'. TIH w/tbg. Tag sd @ 5800' (20' fill). CO sd to PBTD @ 5820' (est 35 bbls wtr to fill hole, rec 22 BO). TOH w/tbg. TIH w/production tbg as follows: 2-7/8" NC, 2 jts tbg, perf sub, SN, 2 jts tbg, TA, 180 jts 2-7/8 8rd 6.5# M-50 tbg. ND BOP. Set TA @ 5638' w/SN @ 5702' & EOT @ 5769'. Land tbg w/10,000# tension. NU wellhead. SIFN w/est 1157 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	1274	Starting oil rec to date	38
Fluid lost/recovered today	117	Oil lost/recovered today	62
Ending fluid to be recovered	1157	Cum oil recovered	100
IFL Sfc FFL 1400 FTP		Choke	
		Final Fluid Rate	
		Final oil cut	30%

STIMULATION DETAIL

Base Fluid used: _____ **Job Type:** _____
Company: _____
Procedure: _____

COSTS

Flint rig	1,665
BOP	135
Tanks	15
Wtr disp	450
TA & SN	700
IPC Supervision	100

Max TP _____ **Max Rate** _____ **Total fluid pmpd:** _____
Avg TP _____ **Avg Rate** _____ **Total Prop pmpd:** _____
ISIP _____ **5 min** _____ **10 min** _____ **15 min** _____
Completion Supervisor: Gary Dietz

DAILY COST: \$3,065
TOTAL WELL COST: \$307,301



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DAILY COMPLETION REPORT

WELL NAME Nine Mile 10-7 **Report Date** 1/11/98 **Completion Day** 12
Present Operation Well on production. **Rig** Flint #4097

WELL STATUS

Surf Csg: 8-5/8 @ 304' **Liner** @ **Prod Csg** 5-1/2 @ 5858 **Csg PBDT** 5820
Tbg: **Size** 2-7/8 **Wt** 6.5# **Grd** M-50 **Pkr/EOT** @ 5769 **BP/Sand PBDT:**

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
YDC	4569-80'	4/44	LDC	5250-58'	4/32
A	4945-48'	4/12	LDC	5272-88'	4/64
A	5025-34'	4-36	LDC	5312-16'	4/16
A	5082-88'	4-24	CP	5608-16'	4/32
LDC	5232-46'	4/56	CP	5768-88'	4/80

CHRONOLOGICAL OPERATIONS

Date Work Performed: 1/10/98**SITP:****SICP:**

PU & TIH w/rod string as follows: 2-1/2" x 1-1/2" x 16' RHAC pmp, 4 - 1-1/2" weight rods, 4 - 3/4" scraped rods, 124 - 3/4" plain rods, 94 - 3/4" scraped rods, 1 - 8', 1 - 6', 1 - 2' x 3/4" pony rods, 1-1/2" x 22' polished rod. Seat pmp. RU pumping unit. Fill tbg w/2 BW. Press test pmp & tbg to 500 psi. Stroke pmp up to 900 psi. Good pmp action. RDMO. **PLACE WELL ON PRODUCTION @ 1:30 PM, 1/10/98 W/74" SL @ 7 SPM.** Est 1159 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1157</u>	Starting oil rec to date	<u>100</u>
Fluid lost/recovered today	<u>2</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1159</u>	Cum oil recovered	<u>135 Actual Transfer</u>
IFL Sfc FFL <u>1400</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

Base Fluid used: **Job Type:**
Company:
Procedure:

COSTS

Flint rig	992
Tanks	15
HO Trk	645
Wtr Trk (incl disp)	450
Pmp	950
Rods, pol rod, rot	7,717
Trucking	200
Loc cleanup	100
Pit reclaim	800
Sfc equipment	96,330
IPC Supervision	200

Max TP	Max Rate	Total fluid pmpd:	
Avg TP	Avg Rate	Total Prop pmpd:	
ISIP	5 min	10 min	15 min

Completion Supervisor: Gary Dietz**DAILY COST:** \$108,399**TOTAL WELL COST:** \$415,700



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DAILY WORKOVER REPORT

WELL NAME: Nine Mile 10-7-9-16Report Date: May 2, 2003Day: 01Operation: Re-completionRig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2 @ 5858' WT: 15.5# Csg PBTD: 5820'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N- 80 Pkr/EOT @: 4526' BP/Sand PBTD: 5781'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
YDC sds	4569-4580'	4/44	LODC sds	5272-5288'	4/64
A sds	4945-4948'	4/12	LODC sds	5312-5316'	4/16
A sds	5025-5034'	4/36	CP sds	5608-5616'	4/32
A sds	5082-5088'	4/24	CP sds	5768-5788'	4/80
LODC sds	5232-5246'	4/56			
LODC sds	5250-5258'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: May 1, 2003SITP: 0 SICP: 0

MIRU Pool # 820. RU HO trk to casing & pump 100 BW @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 60 BW @ 250°F. Reseat pump, soft joint rod string & strip off flow T. Fill tbg W/ 22 BW. Pressure up to 3200 psi. Retrieve rod string & unseat pump. TOH W/ rod string & LD pump. ND well head. Release TA. NU BOP's. TOH W/ production tbg & BHA. PU 4 3/4" bit & 5 1/2" csg scraper. PU & Tally in hole W/ 140 jts N-80 tbg. EOT @ 4526'. SWIFN. Est 182 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0 Starting oil rec to date: 0
Fluid lost/recovered today: 182 Oil lost/recovered today: 0
Ending fluid to be recovered: 182 Cum oil recovered: 0
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

ROD DETAIL

COSTS

AS PULLED		AS PULLED		COSTS	
KB	12'	1 1/2" X 22' polished rod		Pool rig	\$2,336
178	2 7/8 M-50 tbg (5561.24')	1-8', 2-6', 1-2' X 3/4" ponies		Weatherford BOP	\$130
	TA @ 5568' KB	94 - 3/4" scraper rods		IPC water & truck	\$700
2	2 7/8 M-50 tbg (62.53')	100 - 3/4" plain rods		IPC trucking	\$1,000
	SN @ 5333' KB	26 - 3/4" scraper rods		Zubiate HO trk	\$613
2	2 7/8 M-50 (62.74')	4 - 1 1/2" weight rods		Randys pump repair	\$1,000
	2 7/8 NC	2 1/2" X 1 1/2" RHAC pump		Weatherford scraper	\$300
EOT	5697' W/ 12' KB			Randys TA repair	\$350
				Tiger trking (frac tks)	\$500
				IPC supervision	\$300

Workover Supervisor: Ray Herrera

DAILY COST: \$7,229
TOTAL WELL COST: \$7,229



Attachment G-1

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DAILY WORKOVER REPORT

WELL NAME: Nine Mile 10-7-9-16Report Date: May 3, 2003Day: 02Operation: Re-completionRig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2 @ 5858' WT: 15.5# Csg PBTD: 5820'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 4630' BP/Sand PBTD: 5767'
BP/Sand PBTD: 4737'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4148-4156'	4/32	A sds	5082-5088'	4/24
GB4 sds	NEW 4160-4164'	4/16	LODC sds	5232-5246'	4/56
GB4 sds	NEW 4169-4173'	4/16	LODC sds	5250-5258'	4/32
GB4 sds	NEW 4204-4208'	4/16	LODC sds	5272-5288'	4/64
YDC sds	4569-4580'	4/44	LODC sds	5312-5316'	4/16
D1 sds	NEW 4673-4680'	4/28	CP sds	5608-5616'	4/32
A sds	4945-4948'	4/12	CP sds	5768-5788'	4/80
A sds	5025-5034'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: May 2, 2003SITP: 0 SICP: 0

Con't PU & TIH W/ 4 3/4" bit, 5 1/2" csg scraper & 2 7/8 8rd 6.5# N-80 tbg f/ 4526'. Tag fill @ 5767'. Rev circ oil & gas f/ well. Lost 210 BW. TOH W/ tbg--LD bit & scraper. RU Patterson WLT & perf new intervals W/ 4" ported perf guns as follows: D1 sds @ 4673-80' and GB4 sds @ 4148-56', 4160-64', 4169-73' & 4204-08'. All 4 JSPF in 2 gun runs. TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & frac tbg. Set plug above perfs @ 4135'. Fill hole W/ 60 BW. Pressure test plug & casing to 3000 psi. Set pkr @ 4099'. Test tools & tbg to 2000 psi. Release tools & con't TIH. Set plug @ 4737'. Pull up and install frac valve & subs. Leave pkr unset W/ EOT @ 4630'. SIFN W/ est 452 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 182 Starting oil rec to date: 0
Fluid lost/recovered today: 270 Oil lost/recovered today: 0
Ending fluid to be recovered: 452 Cum oil recovered: 0
IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: _____ Job Type: _____

Company: _____

Procedure or Equipment detail: _____

COSTS

Pool rig	\$2,347
Weatherford BOP	\$130
IPC trucking	\$200
Patterson - perfs	\$3,151
Weatherford tools/serv	\$2,550
IPC wtr & truck	\$400
IPC supervision	\$300
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____
Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____
ISIP: _____ 5 min: _____ 10 min: _____ FG: _____
Workover Supervisor: Gary Dietz

DAILY COST: \$9,078
TOTAL WELL COST: \$16,307



Attachment G-1

15 & 19

DAILY WORKOVER REPORT

WELL NAME: Nine Mile 10-7-9-16Report Date: May 6, 2003Day: 03/1Operation: Re-completionRig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2 @ 5858' WT: 15.5# Csg PBTD: 5820'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N- 80 Pkr/EOT @: 4621' BP/Sand PBTD: 5767'
BP/Sand PBTD: 4737'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4148-4156'	4/32	A sds	5082-5088'	4/24
GB4 sds	NEW 4160-4164'	4/16	LODC sds	5232-5246'	4/56
GB4 sds	NEW 4169-4173'	4/16	LODC sds	5250-5258'	4/32
GB4 sds	NEW 4204-4208'	4/16	LODC sds	5272-5288'	4/64
YDC sds	4569-4580'	4/44	LODC sds	5312-5316'	4/16
D1 sds	NEW 4673-4680'	4/28	CP sds	5608-5616'	4/32
A sds	4945-4948'	4/12	CP sds	5768-5788'	4/80
A sds	5025-5034'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: May 5, 2003SITP: 0 SICP: 0

Day 3(a):

RBP @ 4737'. PU & set pkr elements @ 4621' (EOT @ 4631'). Fill annulus & hold full during frac (used 30 BW). RU BJ Services to tbg and frac D1 sds (4673-80') W/ 25,028# 20/40 sand in 218 bbls Viking I-25 fluid. Perfs broke down @ 3250 psi. Treated @ ave press of 2661 psi W/ ave rate of 16 BPM. ISIP-1720 psi. RD BJ. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 2 hrs & died. Rec 70 BTF (est 32% of frac load). Fill & pressure up on annulus. Open bypass on pkr & rev circ tbg clean. Release pkr & TIH W/ tbg. Tag sd @ 4727'. C/O sd to RBP @ 4737'. Circ hole clean. Lost est 30 BW. Release plug. Est 660 BWTR.

See day 3(b)

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 452 Starting oil rec to date: 0
Fluid lost/recovered today: 208 Oil lost/recovered today: 0
Ending fluid to be recovered: 660 Cum oil recovered: 0
IFL: FFL: FTP: Choke: 12/64 Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Viking I-25 Job Type: Sand frac
Company: BJ Services

Procedure or Equipment detail: D1 sands

PUMPED DOWN 2 7/8 N-80 TUBING

2500 gals of pad1915 gals W/ 1-4 ppg of 20/40 sand3587 gals W/ 4-6.5 ppg of 20/40 sandFlush W/ 1134 gals of slick water

Pool rig	\$1,085
Weatherford BOP	\$130
IPC frac wtr	\$600
Zubiate HO (frac wtr)	\$520
BJ Services--D1 sds	\$15,643
IPC frac valve	\$300
IPC supervision	\$150

Max TP: 4118 Max Rate: 17.1 BPM Total fluid pmpd: 218 bbls
Avg TP: 2661 Avg Rate: 16 BPM Total Prop pmpd: 25,028#
ISIP: 1720 5 min: 10 min: FG: .80
Workover Supervisor: Gary Dietz

DAILY COST: \$18,428
TOTAL WELL COST: \$64,735



Attachment G-1

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DAILY WORKOVER REPORT

WELL NAME: Nine Mile 10-7-9-16Report Date: May 6, 2003Day: 036Operation: Re-completionRig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2 @ 5858' WT: 15.5# Csg PBTD: 5820'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N- 80 Pkr/EOT @: 0 BP/Sand PBTD: 5767'
BP/Sand PBTD: 4260'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4148-4156'	4/32	A sds	5082-5088'	4/24
GB4 sds	NEW 4160-4164'	4/16	LODC sds	5232-5246'	4/56
GB4 sds	NEW 4169-4173'	4/16	LODC sds	5250-5258'	4/32
GB4 sds	NEW 4204-4208'	4/16	LODC sds	5272-5288'	4/64
YDC sds	4569-4580'	4/44	LODC sds	5312-5316'	4/16
D1 sds	NEW 4673-4680'	4/28	CP sds	5608-5616'	4/32
A sds	4945-4948'	4/12	CP sds	5768-5788'	4/80
A sds	5025-5034'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: May 5, 2003SITP: 0 SICP: 0

Day 3(b):

Move tbg & tools uphole. Set plug @ 4260' & pkr @ 4227'. Fill tbg W/ 4 BW & pressure test tools to 2000 psi. Release pkr & TOH W/ tbg. NU isolation tool. RU BJ Services to casing & frac GB4 sds (4148' through 4208') W/ 49,527# 20/40 sand in 400 bbls Viking I-25 fluid. Perfs broke down @ 2052 psi. Treated @ ave press of 1679 psi W/ ave rate of 22 BPM. ISIP-2070 psi. RD BJ. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 4 hrs & died. Rec 170 BTF (est 43% of frac load). SIFN W/ est 894 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 660 Starting oil rec to date: 0
Fluid lost/recovered today: 234 Oil lost/recovered today: 0
Ending fluid to be recovered: 894 Cum oil recovered: 0
IFL: FFL: FTP: Choke: 12/64 Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac
Company: BJ Services

Procedure or Equipment detail: GB4 sands

PUMPED DOWN 5 1/2" 15.5# CASING

3800 gals of pad
2625 gals W/ 1-5 ppg of 20/40 sand
5250 gals W/ 5-8 ppg of 20/40 sand
1029 gals W/ 8 ppg of 20/40 sand
Flush W/ 4074 gals of slick water

COSTS

Pool rig	\$1,085
Weatherford service	\$550
IPC frac wtr	\$600
Zubiate HO (frac wtr)	\$520
BJ Services--GB sds	\$13,647
Tiger tks (6 days)	\$1,200
IPC flowback super	\$180
IPC supervision	\$150

Max TP: 2337 Max Rate: 23.9 BPM Total fluid pmpd: 400 bbls
Avg TP: 1679 Avg Rate: 22 BPM Total Prop pmpd: 49,527#
ISIP: 2070 5 min: 10 min: FG: .93
Workover Supervisor: Gary Dietz

DAILY COST: \$17,932
TOTAL WELL COST: \$52,667



Attachment G-1
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DAILY WORKOVER REPORT

WELL NAME: Nine Mile 10-7-9-16

Report Date: May 7, 2003

Day: 04

Operation: Re-completion

Rig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2 @ 5858' WT: 15.5# Csg PBDT: 5820'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 5650' BP/Sand PBDT: 5767'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4148-4156'	4/32	A sds	5082-5088'	4/24
GB4 sds	NEW 4160-4164'	4/16	LODC sds	5232-5246'	4/56
GB4 sds	NEW 4169-4173'	4/16	LODC sds	5250-5258'	4/32
GB4 sds	NEW 4204-4208'	4/16	LODC sds	5272-5288'	4/64
YDC sds	4569-4580'	4/44	LODC sds	5312-5316'	4/16
D1 sds	NEW 4673-4680'	4/28	CP sds	5608-5616'	4/32
A sds	4945-4948'	4/12	CP sds	5768-5788'	4/80
A sds	5025-5034'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: May 6, 2003

SITP: 0 SICP: 50

Bleed pressure off well. Rec est 5 BTF & stays flowing small amount. ND isolation tool. TIH W/ RH & N-80 tbg. Tbg displaced 10 BW on TIH. Tag sd @ 4205'. C/O sd to RBP @ 4260'. Circ hole clean W/ no fluid loss. Release plug. TOH W/ tbg-LD plug. TIH W/ NC & tbg. Tag sd @ 5767' (no new fill). Pull EOT to 5650'. RU swab equipment. IFL @ 1475'. Made 16 swb runs rec 118 BTF (est 110 BW & 8 BO) W/ light gas & sm tr sd. FFL @ 1950'. FOC @ 15%. SIFN W/ est 769 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: <u>894</u>	Starting oil rec to date: <u>0</u>
Fluid lost/recovered today: <u>125</u>	Oil lost/recovered today: <u>8</u>
Ending fluid to be recovered: <u>769</u>	Cum oil recovered: <u>8</u>
IFL: <u>1475'</u> FFL: <u>1950'</u> FTP: <u> </u>	Choke: <u> </u> Final Fluid Rate: <u> </u> Final oil cut: <u>15%</u>

STIMULATION DETAIL

Base Fluid used: Job Type:
Company:
Procedure or Equipment detail:

COSTS

Pool rig	\$2,739
Weatherford BOP	\$130
IPC wtr transfer	\$200
RNI wtr disposal	\$400
IPC supervision	\$300

Max TP: Max Rate: Total fluid pmpd:
Avg TP: Avg Rate: Total Prop pmpd:
ISIP: 5 min: 10 min: FG:
Workover Supervisor: Gary Dietz

DAILY COST: \$3,769
TOTAL WELL COST: \$56,436

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DAILY WORKOVER REPORT

WELL NAME: Nine Mile 10-7-9-16

Report Date: May 8, 2003

Day: 05

Operation: Re-completion

Rig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2 @ 5858' WT: 15.5# Csg PBTD: 5820'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT @: 5720' BP/Sand PBTD: 5775'

PERFORATION RECORD

NEW SYSTEM RECORD		
Zone	Perfs	SPF/#shots
GB4 sds	NEW 4148-4156'	4/32
GB4 sds	NEW 4160-4164'	4/16
GB4 sds	NEW 4169-4173'	4/16
GB4 sds	NEW 4204-4208'	4/16
YDC sds	4569-4580'	4/44
D1 sds	NEW 4673-4680'	4/28
A sds	4945-4948'	4/12
A sds	5025-5034'	4/36

Zone	Perfs	SPF/#shots
A sds	5082-5088'	4/24
LODC sds	5232-5246'	4/56
LODC sds	5250-5258'	4/32
LODC sds	5272-5288'	4/64
LODC sds	5312-5316'	4/16
CP sds	5608-5616'	4/32
CP sds	5768-5788'	4/80

CHRONOLOGICAL OPERATIONS

Date Work Performed: May 7, 2003

SITP: 0 SICP: 0

Con't swabbing well for cleanup. IFL @ 2575'. Made 7 swb runs rec 58 BTF (est 40 BW & 18 BO) W/ light gas & no sand all day. FFL @ 3450'. FOC @ 45%'. TIH W/ tbg. Tag fill @ 5767' (no new fill). Establish rev circulation W/ 140 BW. C/O fill to 5775'. Became very hard & experiencing plugging problems. Circ hole clean. Lost add'l 100 BW during cleanout & rec 20 BO. TOH & LD N-80 tbg and NC. TIH W/ revised BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, new SN, 1 jt tbg, repaired Randys' 5 1/2" TA (45K) & 180 jts 2 7/8 8rd 6.5# M-50 tbg. Ran 1 jt used/inspected tbg above SN. SIFN W/ EOT @ 5720'. Est 969 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 769

Starting oil rec to date: 8

Fluid lost/recovered today: 200

Oil lost/recovered today: 38

Ending fluid to be recovered: 969

Cum oil recovered: 46

IFL: 2575' FFL: 3450' FTP:

Choke: _____ **Final Fluid Rate:** _____ **Final oil cut:** 45%

PRODUCTION TBG DETAIL

ROD DETAIL

COSTS

[illegible]

This image shows a single sheet of white paper with ten horizontal black lines spaced evenly apart, resembling notebook paper. The lines are parallel and extend across the width of the page. There is no handwriting or other markings on the paper.

Pool rig	\$3,124
Weatherford BOP	\$130
Randys' SN	\$70
RNI wtr disposal	\$200
Tbg 1 jt "B" 2 7/8 J-55	\$80
IPC trucking	\$200
Fletcher float rental	\$450
IPC frac tbg (5 days)	\$2,202
IPC supervision	\$300

Workover Supervisor: Gary Dietz

DAILY COST:	\$6,756
TOTAL WELL COST:	\$63,192



Attachment G-1

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DAILY WORKOVER REPORT

WELL NAME: Nine Mile 10-7-9-16Report Date: May 9, 2003Day: 06Operation: Re-completionRig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2 @ 5858' WT: 15.5# Csg PBTD: 5820'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Anchor @: 5630' BP/Sand PBTD: 5775'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4148-4156'	4/32	A sds	5082-5088'	4/24
GB4 sds	NEW 4160-4164'	4/16	LODC sds	5232-5246'	4/56
GB4 sds	NEW 4169-4173'	4/16	LODC sds	5250-5258'	4/32
GB4 sds	NEW 4204-4208'	4/16	LODC sds	5272-5288'	4/64
YDC sds	4569-4580'	4/44	LODC sds	5312-5316'	4/16
D1 sds	NEW 4673-4680'	4/28	CP sds	5608-5616'	4/32
A sds	4945-4948'	4/12	CP sds	5768-5788'	4/80
A sds	5025-5034'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: May 8, 2003SITP: 0 SICP: 0

ND BOP. Set TA @ 5630' W/ SN @ 5664' & EOT @ 5728'. Land tbg W/ 15,000# tension. NU wellhead. TIH W/ pump & revised rod string as follows: repaired Randys' 2 1/2" X 1 1/2" X 15' RHAC pump, 6-1 1/2" weight rods (added 2 "B" grade @ top), 26-3/4" scraped rods, 100-3/4" plain rods, 94-3/4" scraped rods & 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. Fill tbg W/ 17 BW. Pressure test pump & tbg to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 986 BWTR.

Place well on production @ 2:00 PM 5/8/2003 W/ 72" SL @ 6 SPM.

FINAL REPORT!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 969 Starting oil rec to date: 46
Fluid lost/recovered today: 17 Oil lost/recovered today: 0
Ending fluid to be recovered: 986 Cum oil recovered: 46
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

PRODUCTION TBG DETAIL

ROD DETAIL

COSTS

KB	12.00'	1 1/2" X 22' polished rod	Pool rig	\$1,626
180	2 7/8 M-50 tbg (5617.89')	94-3/4" scraped rods	Weatherford BOP	\$130
	TA (2.75' @ 5629.89' KB)	100-3/4" plain rods	IPC trucking	\$200
1	2 7/8 M-50 tbg (31.15')	26-3/4" scraped rods	RNI wtr disposal	\$500
	SN (1.10' @ 5663.79' KB)	6-1 1/2" weight rods	Rods- 2 "B" wt rods	\$250
2	2 7/8 M-50 tbg (62.55')	Randys' 2 1/2" X 1 1/2" X 15'	IPC swb tks (2X6 dys)	\$480
	2 7/8 NC (.40')	RHAC pump W/ SM plunger	Mt. West sanitation	\$400
EOT	5727.84' W/ 12' KB		Zubiate HO trk	\$892
			IPC location cleanup	\$300
			IPC supervision	\$300

Workover Supervisor: Gary Dietz

DAILY COST: \$5,078
TOTAL WELL COST: \$68,270

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4098'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 137' balance plug using 16 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Perforate 4 JSPF @ 353'
6. Plug #4 Circulate 99 sx Class "G" Cement 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus

The approximate cost to plug and abandon this well is \$59,344.

Nine Mile 10-7-9-16

Spud Date: 12/1/97
Put on Production: 1/10/98
GL: 5850' KB: 5862'

Initial Production: 150 BOPD,
186 MCFPD, 30 BWPD

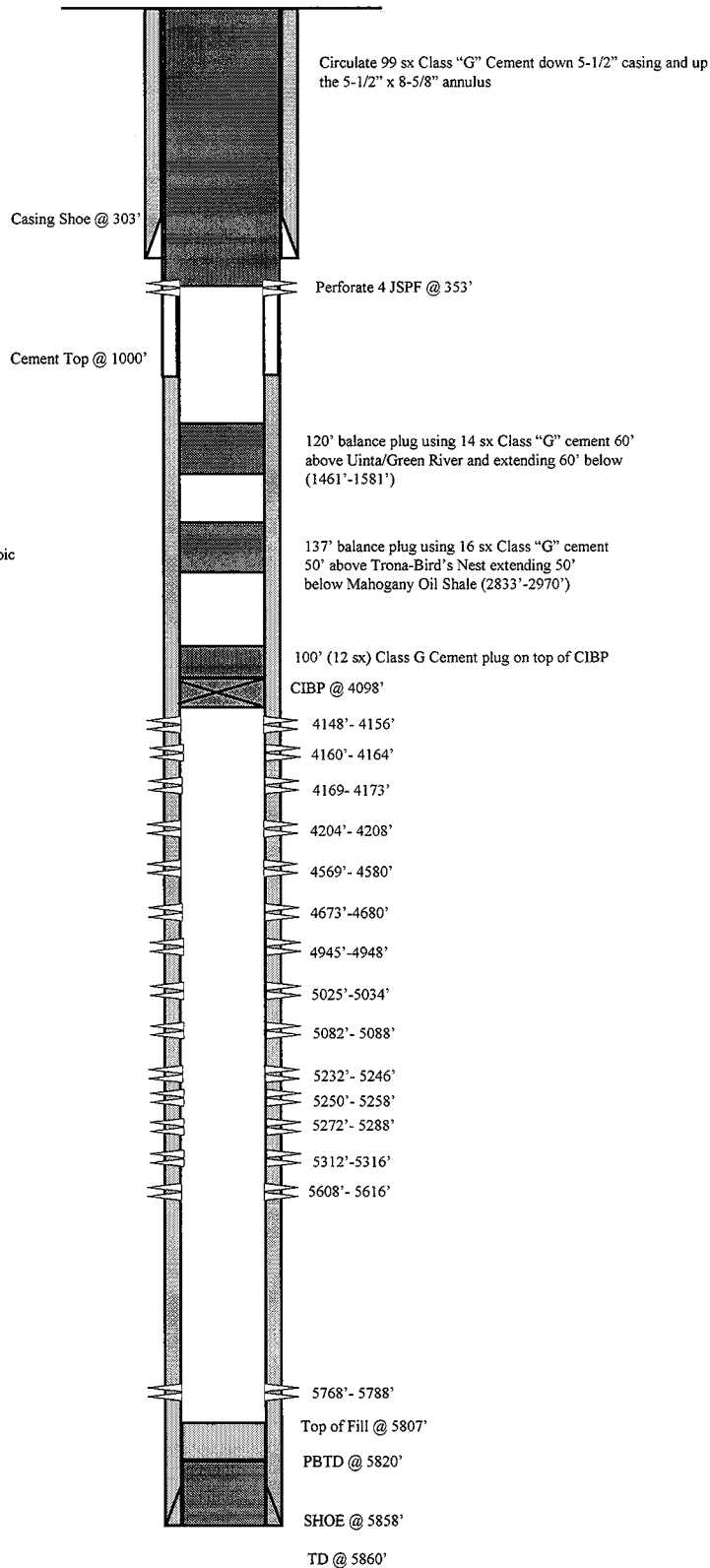
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (290')
DEPTH LANDED: 303' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sks Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5847')
DEPTH LANDED: 5858' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 430 sks Hibond mixed & 360 sks thixotropic
CEMENT TOP AT: 1000'



NEWFIELD

Nine Mile 10-7-9-16

2131 FSL & 1910 FEL
NW/SE Section 7-T9S-R16E
Duchesne Co, Utah

API #43-013-31773; Lease #UTU-74390

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2131 FSL 1910 FEL

NWSE Section 7 T9S R16E

5. Lease Serial No.

USA UTU-74390

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

WEST POINT UNIT

8. Well Name and No.

NINE MILE 10-7

9. API Well No.

4301331773

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Eric Sundberg

Signature

Title

Regulatory Analyst

Date

04/03/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF
NEWFIELD PRODUCTION COMPANY FOR
ADMINISTRATIVE APPROVAL OF CERTAIN
WELLS LOCATED IN SECTION 32 & 33,
TOWNSHIP 8 SOUTH, RANGE 16 EAST;
SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH,
RANGE 16 EAST; DUCHESNE COUNTY,
UTAH, AS CLASS II INJECTION WELLS.

:
:
:
:

NOTICE OF AGENCY ACTION

CAUSE NO. UIC-352

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells:

Wells Draw Unit:

State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East

Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East

South Monument Butte Unit:

Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East

Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East

South Wells Draw Unit:

South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East

South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East

South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East

Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East

West Point Unit:

Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East

Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East

Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 7, Township 9 South, Range 16 East

West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East

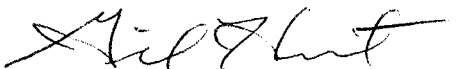
Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of May, 2009.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

A handwritten signature in cursive script, appearing to read "Gil Hunt", written over a horizontal line.

Gil Hunt
Associate Director

Newfield Production Company

**STATE 24-32-8-16, FEDERAL 13-33B-8-16, MONUMENT BUTTE FEDERAL 4-1-9-16,
MONUMENT BUTTE FEDERAL 6-1-9-16, SOUTH WELLS DRAW 14A-4-9-16, SOUTH WELLS
DRAW 6-10-9-16, SOUTH WELLS DRAW 12-10-9-16, MONUMENT FEDERAL 33-10-9-16
MONUMENT FEDERAL 31-6-9-16Y, MONUMENT FEDERAL 42-6-9-16Y, NINE MILE 10-7-9-16,
WEST POINT FED 14-7-9-16.**

Cause No. UIC-352

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Duchesne County Planning
PO Box 910
Duchesne, UT 84021

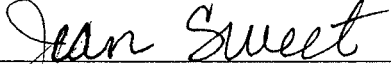
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via Email ubs@ubstandard.com
and Facsimile (435) 722-4140

Bruce Suchomel
US EPA Region VIII
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145
via Email naclegal@mediaoneutah.com
and Facsimile (801) 237-2776

Newfield Production Company
Rt 3 Box 3630
Myton UT 84052

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078



Jean Sweet
Executive Secretary
May 21, 2009

UTAH LEGAL NOTICES

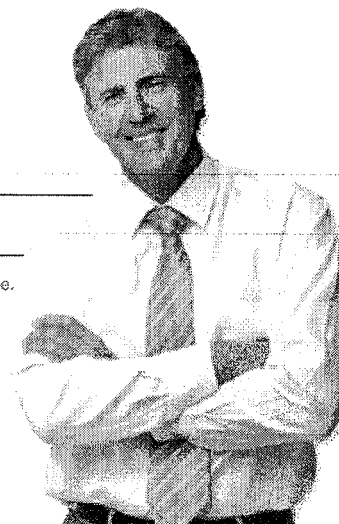
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NOTICE OF AGENCY ACTION CAUSE NO. UIC-352

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells: Wells Draw Unit: State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East South Monument Butte Unit: Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East South Wells Draw Unit: South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East West Point Unit: Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company. Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests. Dated this 21st day of May, 2009. STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Gil Hunt Associate Director Published in the Uintah Basin Standard May 26, 2009.

[Newspaper Administration](#)

Jean Sweet - Notice of Agency Action - Newfield Cause No. UIC 352

From: Jean Sweet
To: ubs@ubstandard.com
Date: 5/21/2009 3:14 PM
Subject: Notice of Agency Action - Newfield Cause No. UIC 352
Attachments: 20090519 Newfield Notice of Agency Action UIC 352 UB Standard.doc

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov. Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

TRANSACTION REPORT

P. 01

MAY-21-2009 THU 03:31 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
MAY-21	03:30 PM	14357224140	1' 15"	4	SEND	OK	490	

TOTAL : 1M 15S PAGES: 4



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Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UTAH DIVISION OF OIL, GAS AND MINING FACSIMILE COVER SHEET

DATE: 5/21/09

FAX#: 435-722-4140

ATTN: Legal Notices

COMPANY: Uintah Basin Standard

NUMBER OF PAGES (INCLUDING THIS ONE): 4

FROM: Jean Sweet

If you do not receive all of the pages, or if they are illegible, please call (801) 538-5340.
We are sending from a sharp facsimile machine. Our telecopier number is (801) 359-3940.

MESSAGES: Please publish. Thank you.



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 21, 2009

VIA E-MAIL ubs@ubstandard.com
and FAX (435) 722-4140

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

RE: Notice of Agency Action – Newfield Production Company Cause No. UIC 352

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov. Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet - RE: Notice of Agency Action - Newfield UIC 352

From: "Linda Roberson" <lroberson@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 5/22/2009 2:23 PM
Subject: RE: Notice of Agency Action - Newfield UIC 352

Ad 458653 / 5/26 / \$273.80

L. "Anna" Roberson (assisting L. Valdez)

naclegal@mediaoneutah.com

From: Jean Sweet [mailto:jsweet@utah.gov]
Sent: Thursday, May 21, 2009 3:15 PM
To: naclegal@mediaoneutah.com
Subject: Notice of Agency Action - Newfield UIC 352

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov . Please send proof of publication and billing for **account #D5385340L** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

Jean Sweet - Notice of Agency Action - Newfield UIC 352

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To: naclegal@mediaoneutah.com
Date: 5/21/2009 3:15 PM
Subject: Notice of Agency Action - Newfield UIC 352
Attachments: 20090519 Newfield Notice of Agency Action UIC 352 SL Trib.doc

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PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

TRANSACTION REPORT

P. 01

MAY-21-2009 THU 03:30 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
MAY-21	03:27 PM	8012372776	2' 45"	4	SEND	OK	489	
			TOTAL :	2M 45S	PAGES:	4		



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UTAH DIVISION OF OIL, GAS AND MINING FACSIMILE COVER SHEET

DATE: 5/21/09

FAX#: 801-237-2776

ATTN: Legal Notices

COMPANY: Salt Lake Tribune

NUMBER OF PAGES (INCLUDING THIS ONE): 4

FROM: Jean Sweet

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Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 21, 2009

VIA E-MAIL naclegal@mediaoneutah.com
and Fax (801) 237-2776

Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145

RE: Notice of Agency Action – Newfield Production Company Cause No. UIC 352

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Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663

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CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	5/27/2009

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000458653 /
SCHEDULE	
Start 05/26/2009	End 05/26/2009
CUST. REF. NO.	
20090519	
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MISC. CHARGES	AD CHARGES
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MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY
CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE
ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY
IN THE STATE OF UTAH.

PUBLISHED ON Start 05/26/2009 End 05/26/2009

SIGNATURE *Rinda L. Storer*

5/27/2009

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 9 SOUTH, RANGE 16 EAST, SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-352

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Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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Dated this 21st day of May, 2009.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Gil Hunt
Associate Director
458653

UPAXLF

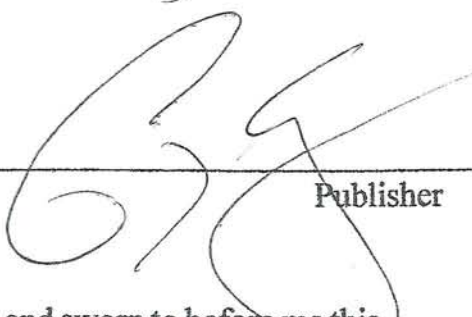
Notary Public
ELIZABETH G. CHADDOCK
6421 Westpark South
West Valley City, Utah 84120
My Commission Expires
January 19, 2012
State of Utah

Elizabeth Chadock

AFFIDAVIT OF PUBLICATION


County of Duchesne,
STATE OF UTAH

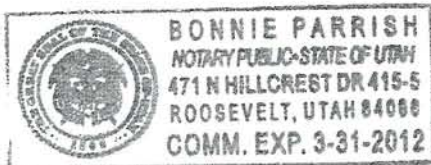
I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 26 day of May, 2009, and that the last publication of such notice was in the issue of such newspaper dated the 26 day of May, 2009.


Publisher

Subscribed and sworn to before me this

28 day of May, 2009


Notary Public



COPY

NOTICE OF AGENCY ACTION CAUSE NO. UIC-352

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES

STATE OF UTAH
IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Dated this 21st day of May, 2009.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING
/s/ Gil Hunt
Associate Director
Published in the Uintah
Basin Standard May 26,
2009.

at Thow
More Na

their lead to five ru
with two counters in
and one in the fifth.
Altamont's sec
(11-5) over Rowland
place in Salt Lake C

KENT BASCOM
Kent Bascom was
of the Union 1969-70
team, and was also
borough paper boy
always perfect whe
rolled-up newspaper
his bike to our porch
he couldn't do the s
on the basketball
was a good dribbler,
passes and I enjoy
him do his best on

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NOTICE OF AGENCY ACTION CAUSE NO. UIC-352, 5

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells: Wells Draw Unit: State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East South Monument Butte Unit: Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East South Wells Draw Unit: South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East West Point Unit: Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 7, Township 9 South, Range 16 East West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company. Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests. Dated this 21st day of May, 2009. STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Gil Hunt Associate Director Published in the Uintah Basin Standard May 26, 2009.

[Newspaper Administration](#)

Should be
Sec. 7
(not 6)



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

July 13, 2009

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: West Point Unit Well: Nine Mile 10-7-9-16, Section 7, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

Gil Hunt
Associate Director

GLH/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File



**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Nine Mile 10-7-9-16

Location: 7/9S/16E **API:** 43-013-31733

Ownership Issues: The proposed well is located on BLM land. The well is located in the West Point Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the West Point Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 303 feet and has a cement top at the surface. A 5½ inch production casing is set at 5858 feet. Although the cement bond log is inconclusive, calculations based on the cement reported in the well completion report indicate adequate bond in this well up to about 1,870 feet (calculated top of "lite" cement). A 2 7/8 inch tubing with a packer will be set at 4113. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 12 producing wells and 4 injection wells in the area of review. All of the wells have evidence of adequate casing and cement.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 1000 feet. Injection shall be limited to the interval between 3969 feet and 5534 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-7-9-16 well is 0.80 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,690 psig. The requested maximum pressure is 1,690 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Nine Mile 10-7-9-16

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the West Point Unit on May 14, 1998. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

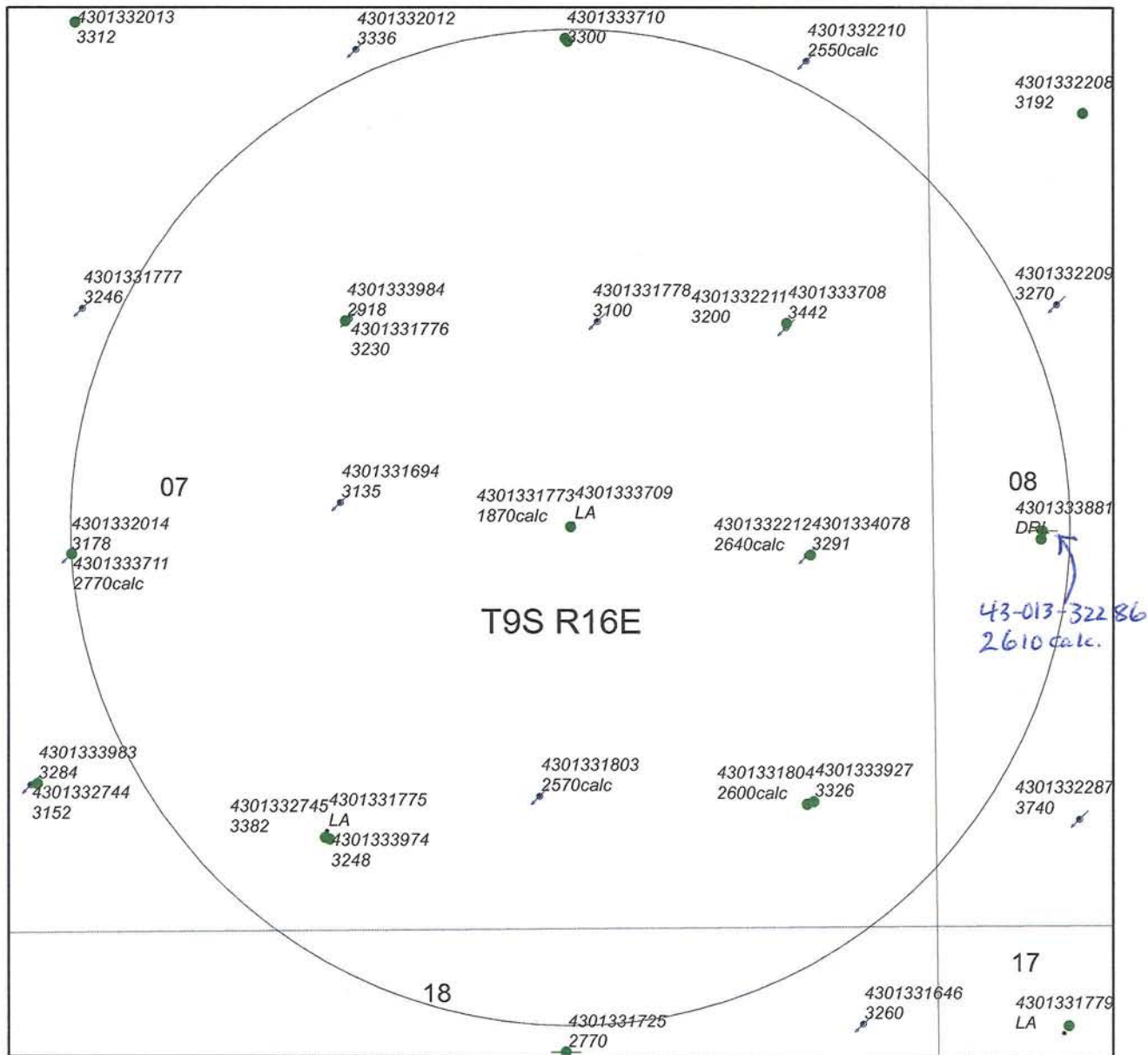
Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date 7/1/2009



NINE MILE 10-7-9-16

API #43-013-31773

UIC-352.5

Legend

OGM Database View Events

✕ <all other values>

Status

- ◆ APD - Aproved Permit
- ⊙ DRL - Spuded (Drilling Commenced)
- ✕ GIW - Gas Injection
- ★ GS - Gas Storage
- ⊕ LA - Location Abandoned
- ⊕ LOC - New Location
- ⚠ OPS - Operation Suspended
- ⊕ PA - Plugged Abandoned

- ★ PGW - Producing Gas Well
- POW - Producing Oil Well
- ⊙ RET - Returned APD
- ★ SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- ✕ TA - Temp. Abandoned
- TW - Test Well
- ✕ WDW - Water Disposal
- ✕ WIW - Water Injection Well
- WSW - Water Supply Well

1870calc = approx cement top calculated from well completion report

0 0.24 Miles



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

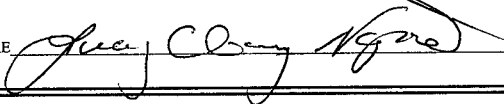
1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74390
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2131 FSL 1910 FEL		8. WELL NAME and NUMBER: NINE MILE 10-7
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 7, T9S, R16E		9. API NUMBER: 4301331773
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: -
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/09/2010			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 03/03/2010.
On 03/08/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well.
Permission was given at that time to perform the test on 03/08/2010. On 03/09/2010 the casing was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 550 psig during the test. There was not a State representative available to witness the test.

API# 43-013-31773

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	TITLE Administrative Assistant
SIGNATURE 	DATE 03/23/2010

(This space for State use only)

RECEIVED
MAR 29 2010

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2131 FSL 1910 FEL

NWSE Section 7 T9S R16E

5. Lease Serial No.

USA UTU-74390

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

NINE MILE 10-7

9. API Well No.

4301331773

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 03/03/2010.

On 03/08/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 03/08/2010. On 03/09/2010 the casing was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 550 psig during the test. There was not a State representative available to witness the test.

API# 43-013-31773

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature

Title

Administrative Assistant

Date

03/23/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

MAR 29 2010

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 03/09/2010 Time 10:30 am pm

Test Conducted by: Lynn Monson

Others Present: _____

Well: Nine Mile Federal 10-7-9-16

Field: Monument Butte

Well Location: NW/SE Sec 7-T9S-R16E

API No: 43 0133 1773

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1330</u>	psig
5	<u>1330</u>	psig
10	<u>1330</u>	psig
15	<u>1330</u>	psig
20	<u>1330</u>	psig
25	<u>1330</u>	psig
30 min	<u>1330</u>	psig
35	<u>—</u>	psig
40	<u>—</u>	psig
45	<u>—</u>	psig
50	<u>—</u>	psig
55	<u>—</u>	psig
60 min	<u>—</u>	psig

Tubing pressure: 550 psig

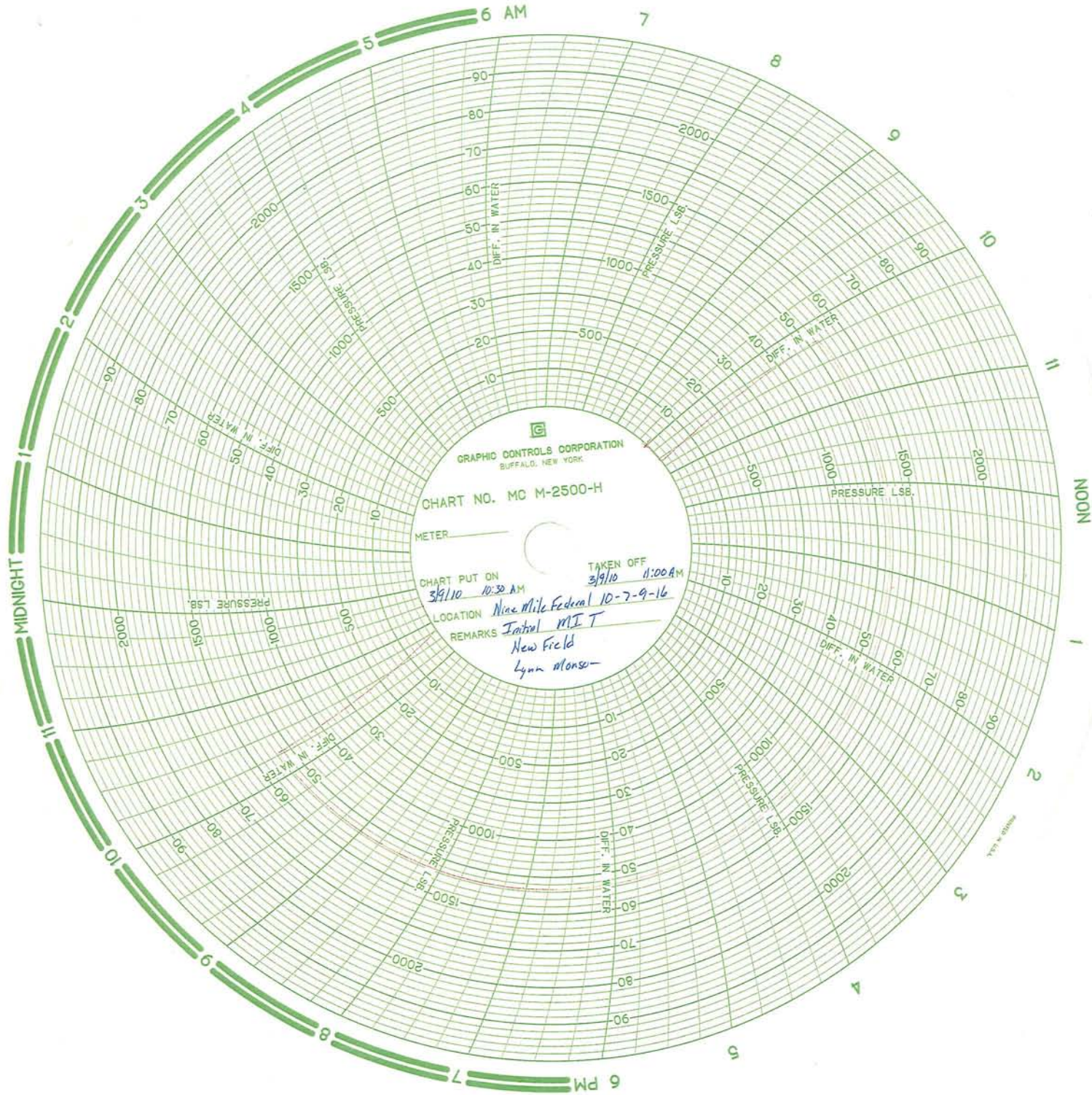
Result:

Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: [Signature]



Daily Activity Report

Format For Sundry

NINE MILE 10-7-9-16**1/1/2010 To 5/30/2010****3/1/2010 Day: 1****Conversion**

WWS #7 on 3/1/2010 - Flushed tbg & rods. - MIRU Western rig #7. RU HO trk & pump 60 BW dn annulus @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 10 BW & pressure test to 3000 psi. Retrieve rod string & unseat pump. Rod trailer never arrived. PU polished rod & SIFN.

Daily Cost: \$0**Cumulative Cost:** \$15,848

3/2/2010 Day: 2**Conversion**

WWS #7 on 3/2/2010 - LD rod string. TOH W/ production tbg. TIH W/ bailer assembly. - RU HO trk & flush tbg and rods W/ 30 BW @ 250°F. TOH & LD rod string and pump. Re-flushed W add' 30 bbls halfway out. ND wellhead & release TA @ 5576'. NU BOP. Talley, PU & TIH W/ 4 jts work string to tag fill @ 5765' (btm perfs covered). LD work string. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD BHA. Flushed tbg W/ 30 BW W/ 100 jts pulled. MU BHA & bailer assembly. TIH to 5670' & SIFN.

Daily Cost: \$0**Cumulative Cost:** \$22,033

3/4/2010 Day: 3**Conversion**

WWS #7 on 3/4/2010 - Bailed fill. TIH W/ packer & test injection tbg. - Tag fill @ 5757' (by new talley). Bail fill easily to 5790', then stopped making hole. Pump 30 BW dn annulus W/ HO trk. Could not make any add'l hole (2' below btm perf). LD work string & TOH W/ tbg. Broke & prepared opposite connection W/ Liquid O-ring. Flushed oil f/ tbg OD 2 times W/ 50 BW. LD btm 50 jts of production tbg and bailer assembly. . MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 131 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Leave 3000 psi on tbg overnight. - Thaw wellhead & tbg stump W/ HO trk. Tbg pressure @ 2500 psi. Bump up to 3000 psi. Holds solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4103', CE @ 4107' & EOT @ 4111'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. Well ready for MIT. - RU Vaughn Energy Services & run gyro survey. RD WLT. - Tag fill @ 5757' (by new talley). Bail fill easily to 5790', then stopped making hole. Pump 30 BW dn annulus W/ HO trk. Could not make any add'l hole (2' below btm perf). LD work string & TOH W/ tbg. Broke & prepared opposite connection W/ Liquid O-ring. Flushed oil f/ tbg OD 2 times W/ 50 BW. LD btm 50 jts of production tbg and bailer assembly. . MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 131 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Leave 3000 psi on tbg overnight. - Thaw wellhead & tbg stump W/ HO trk. Tbg pressure @ 2500 psi. Bump up to 3000 psi. Holds solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals

B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4103', CE @ 4107' & EOT @ 4111'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. Well ready for MIT. - RU Vaughn Energy Services & run gyro survey. RD WLT.

Daily Cost: \$0

Cumulative Cost: \$28,369

3/15/2010 Day: 5

Conversion

Rigless on 3/15/2010 - Conversion Mit - On 3/8/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (Nine Mile Federal 10-7-9-16). Permission was given at that time to perform the test on 3/8/2010. On 3/9/2010 the csg was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 550 psig during the test. There was not a State representative available to witness the test. API # 43-013-31773 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$31,115

Pertinent Files: Go to File List

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

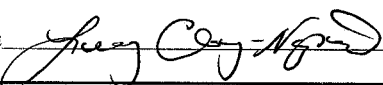
1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74390
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2131 FSL 1910 FEL		8. WELL NAME and NUMBER: NINE MILE 10-7
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 7, T9S, R16E		9. API NUMBER: 4301331773
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 04/13/2010	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Put on Injection
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 12:30 PM on 04/13/2010.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant
SIGNATURE  DATE 04/13/2010

(This space for State use only)

RECEIVED
APR 20 2010
DIV. OF OIL, GAS & MINING



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-352

Operator: Newfield Production Company
Well: Nine Mile 10-7-9-16
Location: Section 7, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-31773
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on July 13, 2009.
2. Maximum Allowable Injection Pressure: 1,690 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,969' – 5,534')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

Gil Hunt
Associate Director

4-1-10

Date

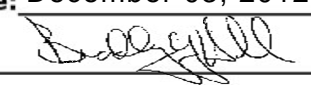
GLH/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

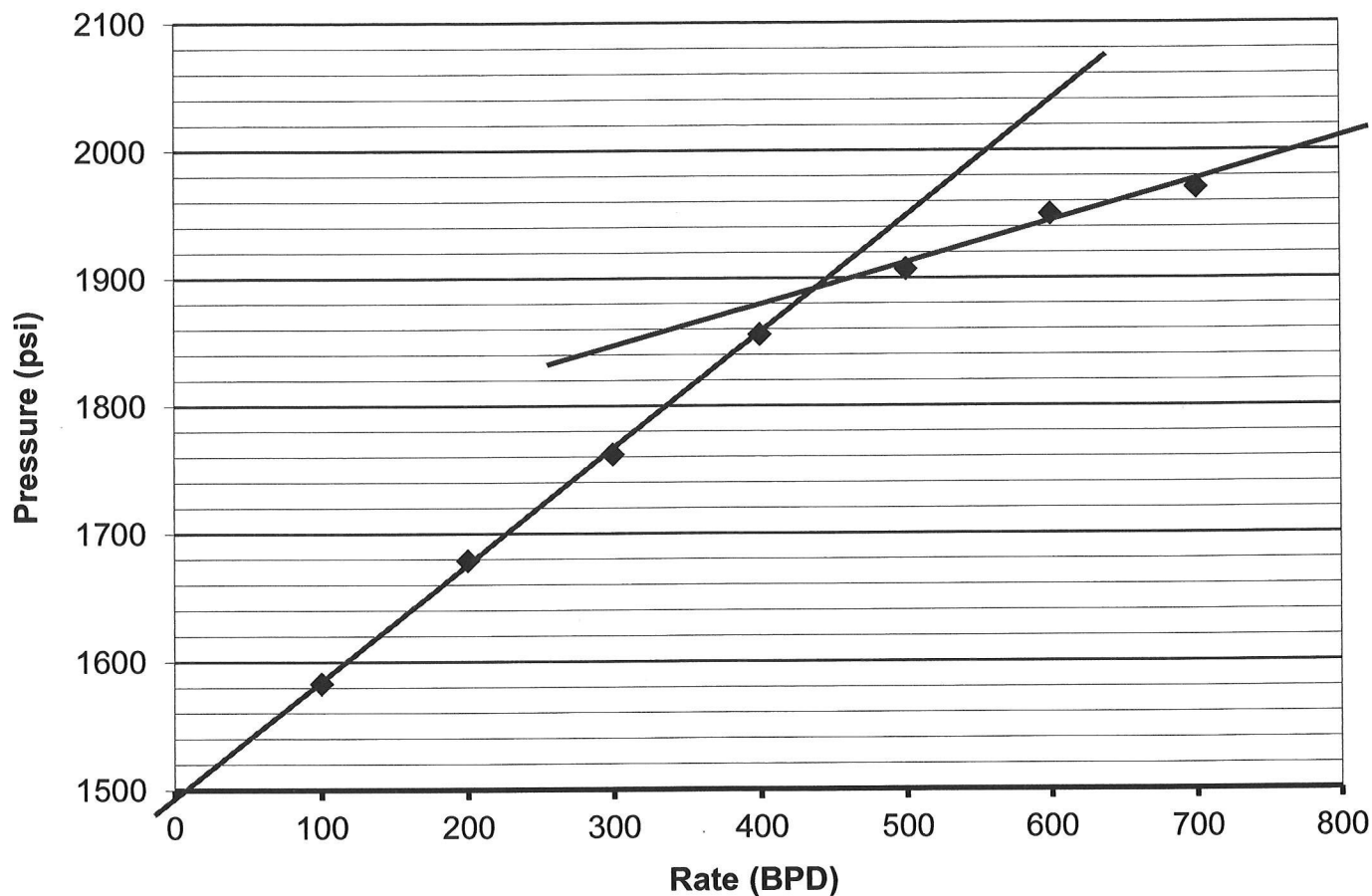
N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Greater Mon Butte

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: NINE MILE 10-7
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2131 FSL 1910 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 07 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013317730000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/15/2012	OTHER: <input type="text" value="Step Rate Test"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DRILLING REPORT Report Date:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. A step rate test was conducted on the subject well on November 15, 2012. Results from the test indicate that the fracture gradient is 0.895 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1690 psi to 1890 psi.		
Accepted by the Utah Division of Oil, Gas and Mining Date: December 03, 2012 By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 11/20/2012

**Nine Mile 10-7-9-16
Greater Monument Butte Unit
Step Rate Test
November 15, 2012**



Start Pressure:

1506 psi

Top Perforation:

4148 feet

Fracture pressure (P_{fp}):

1890 psi

FG:

0.895 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	100	1583
2	200	1679
3	300	1762
4	400	1856
5	500	1907
6	600	1950
7	700	1971

Data Table Report

Report Name: PrTemp1000 Data Table
 Report Date: 11/15/2012 18:12:33
 File Name: C:\Program Files\PTC® Instruments 2.03.12\
 Nine Mile 10-7-9-16 SRT (11-15-2012).csv
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: N87695
 Device ID: PrTemp
 Data Start Date: Nov 15, 2012 09:00:01 AM MST
 Data End Date: Nov 15, 2012 04:30:01 PM MST
 Reading: 1 to 91 of 91
 Reading Rate: 30 Seconds
 Last Calibration Date: Aug 28, 2012
 Next Calibration Date: Aug 28, 2013
 Next Calibration Date: Aug 28, 2013

Nine Mile 10-7-9-16 SRT (11-15-2012)

Unit Type (All Units)

Reading	DateTime (MST)	Channel 2 PSIA
1	Nov 15, 2012 09:00:01 AM	1507.6
2	Nov 15, 2012 09:05:00 AM	1507.4
3	Nov 15, 2012 09:10:01 AM	1507
4	Nov 15, 2012 09:15:00 AM	1506.4
5	Nov 15, 2012 09:20:01 AM	1506.4
6	Nov 15, 2012 09:25:00 AM	1506
7	Nov 15, 2012 09:30:01 AM	1505.8
8	Nov 15, 2012 09:35:01 AM	1530.2
9	Nov 15, 2012 09:40:01 AM	1544.8
10	Nov 15, 2012 09:45:01 AM	1559.8
11	Nov 15, 2012 09:50:00 AM	1565.6
12	Nov 15, 2012 09:55:01 AM	1570.6
13	Nov 15, 2012 10:00:00 AM	1573
14	Nov 15, 2012 10:05:01 AM	1575.6
15	Nov 15, 2012 10:10:00 AM	1574.4
16	Nov 15, 2012 10:15:01 AM	1578.6
17	Nov 15, 2012 10:20:01 AM	1581.2
18	Nov 15, 2012 10:25:01 AM	1582
19	Nov 15, 2012 10:30:01 AM	1583.2
20	Nov 15, 2012 10:35:00 AM	1614.6
21	Nov 15, 2012 10:40:01 AM	1629.4
22	Nov 15, 2012 10:45:00 AM	1637
23	Nov 15, 2012 10:50:01 AM	1645.6
24	Nov 15, 2012 10:55:00 AM	1648.8
25	Nov 15, 2012 11:00:01 AM	1656
26	Nov 15, 2012 11:05:01 AM	1659.6
27	Nov 15, 2012 11:10:01 AM	1665.8
28	Nov 15, 2012 11:15:01 AM	1669.4
29	Nov 15, 2012 11:20:00 AM	1671
30	Nov 15, 2012 11:25:01 AM	1674.6
31	Nov 15, 2012 11:30:00 AM	1679.4
32	Nov 15, 2012 11:35:01 AM	1710.2
33	Nov 15, 2012 11:40:00 AM	1722
34	Nov 15, 2012 11:45:01 AM	1728.8
35	Nov 15, 2012 11:50:01 AM	1734.8
36	Nov 15, 2012 11:55:01 AM	1740
37	Nov 15, 2012 12:00:01 PM	1741.2
38	Nov 15, 2012 12:05:00 PM	1747.4
39	Nov 15, 2012 12:10:01 PM	1751.6
40	Nov 15, 2012 12:15:00 PM	1751
41	Nov 15, 2012 12:20:01 PM	1754.6
42	Nov 15, 2012 12:25:00 PM	1759.4
43	Nov 15, 2012 12:30:01 PM	1762.2
44	Nov 15, 2012 12:35:01 PM	1791.8

Nine Mile 10-7-9-16 SRT (11-15-2012)

Unit Type Reading	(All Units) DateTime (MST)	Channel 2 PSIA
45	Nov 15, 2012 12:40:01 PM	1802.2
46	Nov 15, 2012 12:45:01 PM	1809.2
47	Nov 15, 2012 12:50:00 PM	1814.4
48	Nov 15, 2012 12:55:01 PM	1820.4
49	Nov 15, 2012 01:00:00 PM	1821.8
50	Nov 15, 2012 01:05:01 PM	1831.8
51	Nov 15, 2012 01:10:00 PM	1838.8
52	Nov 15, 2012 01:15:01 PM	1840
53	Nov 15, 2012 01:20:01 PM	1842.6
54	Nov 15, 2012 01:25:01 PM	1851.6
55	Nov 15, 2012 01:30:01 PM	1855.8
56	Nov 15, 2012 01:35:00 PM	1876.8
57	Nov 15, 2012 01:40:01 PM	1890.8
58	Nov 15, 2012 01:45:00 PM	1890
59	Nov 15, 2012 01:50:01 PM	1890.8
60	Nov 15, 2012 01:55:00 PM	1899.2
61	Nov 15, 2012 02:00:01 PM	1898.8
62	Nov 15, 2012 02:05:01 PM	1898
63	Nov 15, 2012 02:10:01 PM	1904
64	Nov 15, 2012 02:15:01 PM	1905.4
65	Nov 15, 2012 02:20:00 PM	1914
66	Nov 15, 2012 02:25:01 PM	1914.2
67	Nov 15, 2012 02:30:00 PM	1907.4
68	Nov 15, 2012 02:35:01 PM	1935.2
69	Nov 15, 2012 02:40:00 PM	1931
70	Nov 15, 2012 02:45:01 PM	1931.8
71	Nov 15, 2012 02:50:01 PM	1942.4
72	Nov 15, 2012 02:55:01 PM	1944.8
73	Nov 15, 2012 03:00:01 PM	1946
74	Nov 15, 2012 03:05:00 PM	1942
75	Nov 15, 2012 03:10:01 PM	1948.8
76	Nov 15, 2012 03:15:00 PM	1945
77	Nov 15, 2012 03:20:03 PM	1946.8
78	Nov 15, 2012 03:25:00 PM	1946.2
79	Nov 15, 2012 03:30:01 PM	1949.8
80	Nov 15, 2012 03:35:01 PM	1964.4
81	Nov 15, 2012 03:40:01 PM	1969.2
82	Nov 15, 2012 03:45:01 PM	1965.4
83	Nov 15, 2012 03:50:00 PM	1965.2
84	Nov 15, 2012 03:55:01 PM	1963.6
85	Nov 15, 2012 04:00:00 PM	1974.4
86	Nov 15, 2012 04:05:01 PM	1966
87	Nov 15, 2012 04:10:00 PM	1977.6
88	Nov 15, 2012 04:15:01 PM	1968.2
89	Nov 15, 2012 04:20:01 PM	1969.2
90	Nov 15, 2012 04:25:01 PM	1970
91	Nov 15, 2012 04:30:01 PM	1970.6

End of Report

Data Table Report

Report Name: PrTemp1000 Data Table
 Report Date: 11/15/2012 18:12:46
 File Name: C:\Program Files\PTC® Instruments 2.03.12\
 Nine Mile 10-7-9-16 ISIP (11-15-2012).csv
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: N87695
 Device ID: PrTemp
 Data Start Date: Nov 15, 2012 04:30:13 PM MST
 Data End Date: Nov 15, 2012 05:00:14 PM MST
 Reading: 1 to 31 of 31
 Reading Rate: 30 Seconds
 Last Calibration Date: Aug 28, 2012
 Next Calibration Date: Aug 28, 2013
 Next Calibration Date: Aug 28, 2013

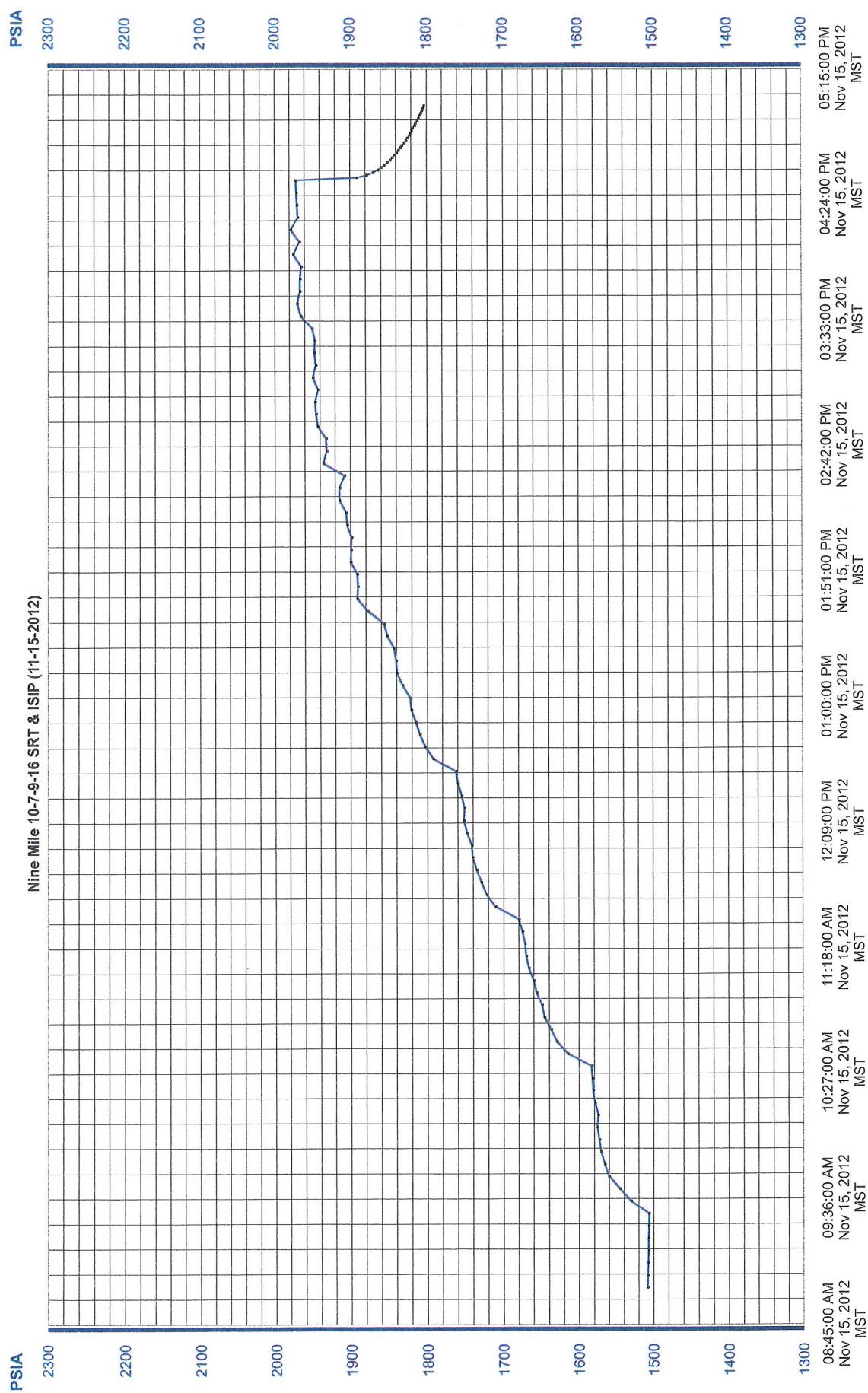
Nine Mile 10-7-9-16 ISIP (11-15-2012)

Unit Type (All Units)

Reading	DateTime (MST)	Channel 2 PSIA
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1	Nov 15, 2012 04:30:13 PM	1971.4
2	Nov 15, 2012 04:31:14 PM	1891.2
3	Nov 15, 2012 04:32:13 PM	1877.8
4	Nov 15, 2012 04:33:13 PM	1869.6
5	Nov 15, 2012 04:34:14 PM	1863.2
6	Nov 15, 2012 04:35:13 PM	1859
7	Nov 15, 2012 04:36:13 PM	1855
8	Nov 15, 2012 04:37:14 PM	1850.8
9	Nov 15, 2012 04:38:14 PM	1847
10	Nov 15, 2012 04:39:13 PM	1844.2
11	Nov 15, 2012 04:40:14 PM	1841.2
12	Nov 15, 2012 04:41:14 PM	1838.4
13	Nov 15, 2012 04:42:13 PM	1836
14	Nov 15, 2012 04:43:14 PM	1833.4
15	Nov 15, 2012 04:44:14 PM	1831.4
16	Nov 15, 2012 04:45:13 PM	1828.4
17	Nov 15, 2012 04:46:13 PM	1826.4
18	Nov 15, 2012 04:47:14 PM	1824.4
19	Nov 15, 2012 04:48:13 PM	1821.8
20	Nov 15, 2012 04:49:13 PM	1820.6
21	Nov 15, 2012 04:50:14 PM	1819
22	Nov 15, 2012 04:51:13 PM	1817.8
23	Nov 15, 2012 04:52:13 PM	1815
24	Nov 15, 2012 04:53:14 PM	1814
25	Nov 15, 2012 04:54:14 PM	1811.6
26	Nov 15, 2012 04:55:13 PM	1810
27	Nov 15, 2012 04:56:14 PM	1809
28	Nov 15, 2012 04:57:14 PM	1807.2
29	Nov 15, 2012 04:58:13 PM	1805.6
30	Nov 15, 2012 04:59:13 PM	1804
31	Nov 15, 2012 05:00:14 PM	1803

End of Report



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390			
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PHONE NUMBER: 435 646-4825 Ext		9. API NUMBER: 43013317730000			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2131 FSL 1910 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 07 Township: 09.0S Range: 16.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
COUNTY: DUCHESNE		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/5/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: 5 YR MIT </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: 5 YR MIT
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: 5 YR MIT			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>On 02/03/2015 Richard Powell with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 02/05/2015 the casing was pressured up to 1289 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1624 psig during the test. There was a State representative available to witness the test - Richard Powell.</p> </div> <div style="width: 25%; text-align: center;"> <p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 09, 2015</p> </div> </div>					
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician			
SIGNATURE N/A	DATE 2/9/2015				

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: RICHARD POWELLDate 2/5/2015 Time 10:26 am pmTest Conducted by: Kim Giles

Others Present: _____

5 yr.Well: Nine Mile 10-7-q-16Field: Monument ButteWell Location: NW/SE Sec. 7, T9S, R16E
Duchesne County, UtahAPI No: 43-013-31773

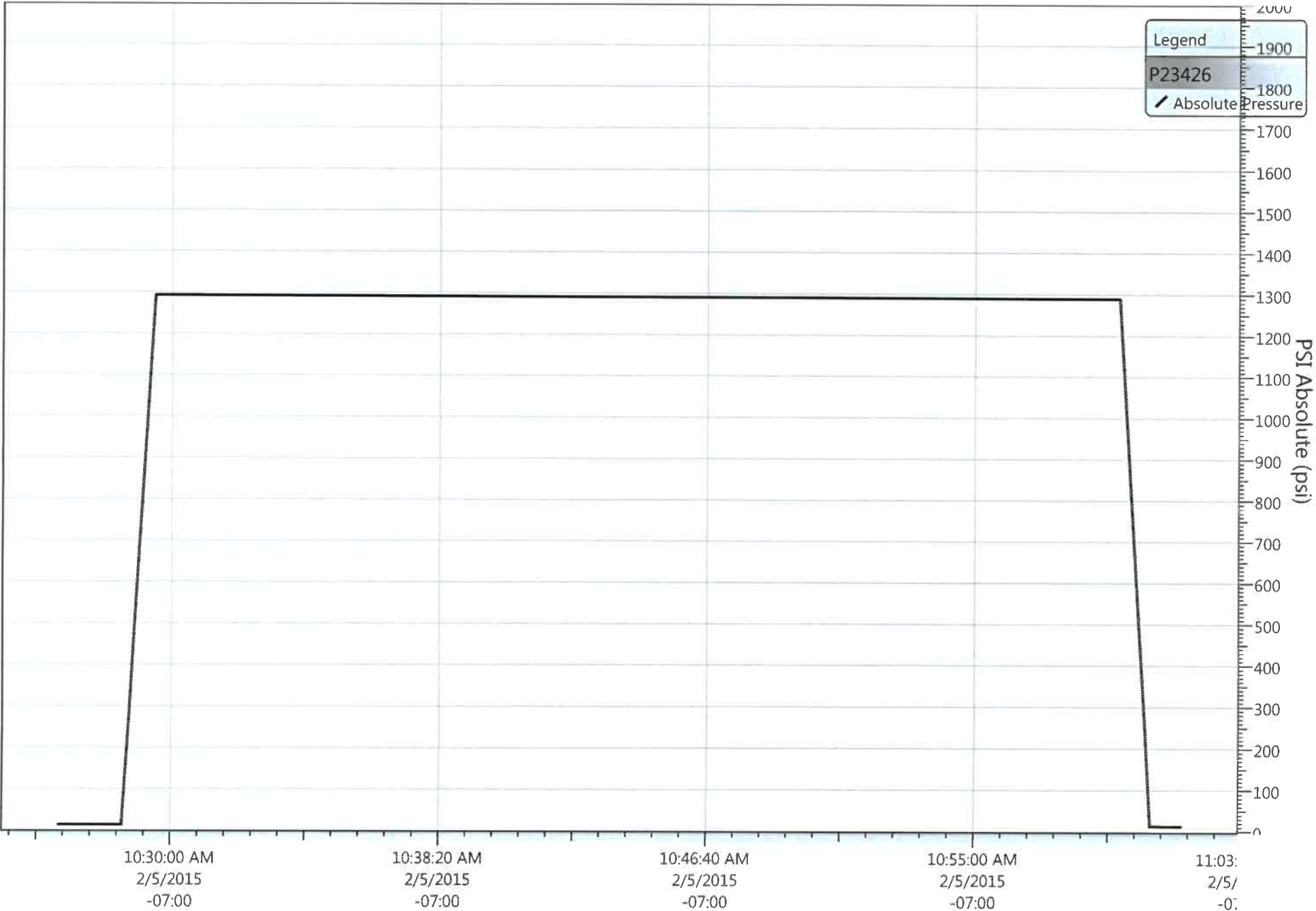
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1292</u>	psig
5	<u>1291</u>	psig
10	<u>1291</u>	psig
15	<u>1291</u>	psig
20	<u>1290</u>	psig
25	<u>1290</u>	psig
30 min	<u>1289</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1624 psigResult: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____

10-7-9-16 5yr MIT 2/5/2015
2/5/2015 10:25:37 AM



Nine Mile 10-7-9-16

Spud Date: 12-1-97
Put on Production: 1-10-98
GL: 5850' KB: 5862'

Initial Production:
150 BOPD, 186 MCFPD, 30 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (290')
DEPTH LANDED: 303' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs Premium cmt, est 4 bbls to surf.

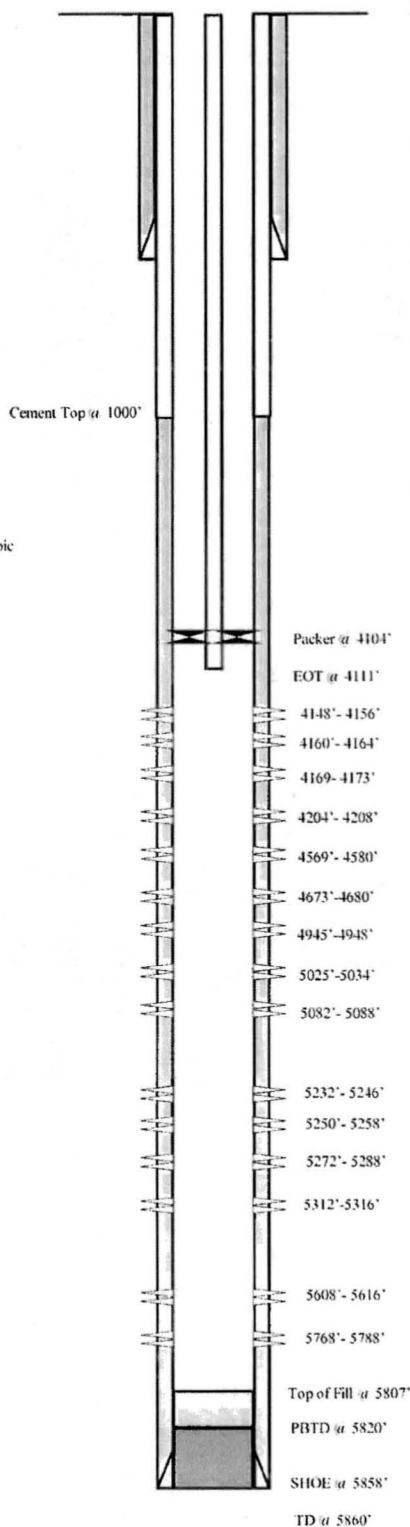
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5847')
DEPTH LANDED: 5858' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 430 sks Hibond mixed & 360 sks thixotropic
CEMENT TOP AT: 1000'

TUBING

SIZE GRADE WT.: 2-7/8" J-55 6.5#
NO. OF JOINTS: 131 jts (4090.9')
SN LANDED AT: 4102.9' KB
CE @ 4103.9
TOTAL STRING LENGTH: EOT @ 4111'

Injection Wellbore Diagram



FRAC JOB

12/30/97 5608'-5788' Frac CP sand as follows:
129,100# of 20-40 sd in 627 bbls Delta Frac.
Treated @ avg rate 35 bpm, avg press 1600
psi. ISIP-2029 psi. Calc. flush: 5608 gal.
Actual flush: 5551 gal.

1/1/98 5232'-5316' Frac LDC sand as follows:
125,400# of 20-40 sd in 560 bbls Delta Frac.
Treated @ avg rate of 30.3 BPM, avg press
2600 psi. ISIP-2892 psi. Calc. flush: 5232 gal.
Actual flush: 5198 gal.

1/4/98 4945'-5088' Frac A sand as follows:
127,200# 20-40 sand in 608 bbls Delta Frac.
Treated w avg press of 2493 psi w avg rate of
35 BPM. ISIP - 3120 psi. Calc. flush: 4945
gal. Actual flush: 4844 gal.

1/8/98 4569'-4580' Frac YDC sands as follows:
59,000# 20-40 sand in 374 bbls of Delta Frac.
Treated @ avg press of 2800 psi w avg rate of
27 BPM. ISIP-3904 psi. Screened out w
1146 gal flush remaining. Calc. flush: 4569
gal. Actual flush: 3337 gal.

4/16/99 Pump change. Update rod and tubing details.

5/5/03 4673'-4680' Frac D1 sand as follows:
25,028# 20-40 sand in 218 bbls of Viking I-25
fluid. Treated @ avg press of 2661 psi w avg
rate of 16 BPM. ISIP-1720 psi. Calc
flush: 1204 gal. Actual flush: 1134 gal.

5/5/03 4148'-4208' Frac GB4 sand as follows:
49,527# 20-40 sand in 400 bbls of Viking I-
25 fluid. Treated @ avg press of 1679 psi
w avg rate of 22 BPM. ISIP-2070 psi. Calc.
flush: 4146 gal. Actual flush: 4074 gal.

5/5/04 Parted rods. Update rod detail.

01/10/06 Pump change. Update rod and tubing details.

05/04/06 Pump change. Update tubing & rod detail

7/22/08 Pump change. Updated rod and tubing detail

03/03/10 Convert to Injection Well

03/09/10 MIT Completed - tbg detail updated

PERFORATION RECORD

12-25-97	5608'-5616'	4 JSPF	32 holes
12-25-97	5768'-5788'	4 JSPF	80 holes
12-31-97	5232'-5246'	4 JSPF	56 holes
12-31-97	5250'-5258'	4 JSPF	32 holes
12-31-97	5272'-5288'	4 JSPF	64 holes
12-31-97	5312'-5316'	4 JSPF	16 holes
1-3-98	4945'-4948'	4 JSPF	12 holes
1-3-98	5025'-5034'	4 JSPF	36 holes
1-3-98	5082'-5088'	4 JSPF	24 holes
1-6-98	4569'-4580'	4 JSPF	44 holes
05-2-03	4673'-4680'	4 JSPF	28 holes
05-2-03	4204'-4208'	4 JSPF	16 holes
05-2-03	4169'-4173'	4 JSPF	16 holes
5-02-03	4160'-4164'	4 JSPF	16 holes
5-02-03	4148'-4156'	4 JSPF	32 holes

NEWFIELD

Nine Mile 10-7-9-16
2131' FSL & 1910' FEL
NW/SE Section 7-T9S-R16E
Duchesne Co, Utah
API #43-013-31773; Lease #UTU-74390